

# DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION OF THE STATE OF MONTANA

# Oil and Gas Conservation Division

Judy Martz, Governor



# ANNUAL REVIEW 2003 Volume 47

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2535 ST. JOHNS AVENUE BILLINGS, MONTANA 59102

### STEVE SASAKI

#### **FIELD SUPERVISOR**

2535 ST. JOHNS AVENUE BILLINGS, MONTANA 59102

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# Annual Review for the Year 2003 Volume 47

Additional statistical information is available on the Board's website

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# 2003 Summary

### **Production**

	Reporte Volum		Change From Previous Year
Total Liquids Production	19,375,455	Barrel	14.07%
Oil	19,367,737	Barrel	14.08%
Condensate	7,718	Barrel	-5.31%
Total Gas Production	86,722,976	MCF	18%
Associated Gas	8,346,555	MCF	12.04%
Natural Gas	78,376,421	MCF	-1.32%
Oil And Condensate Producti	on Allocated To	Fields	19,375,455 Barrels
Gas Production Allocated To	Fields		86,722,976 MCF

### **Permits**

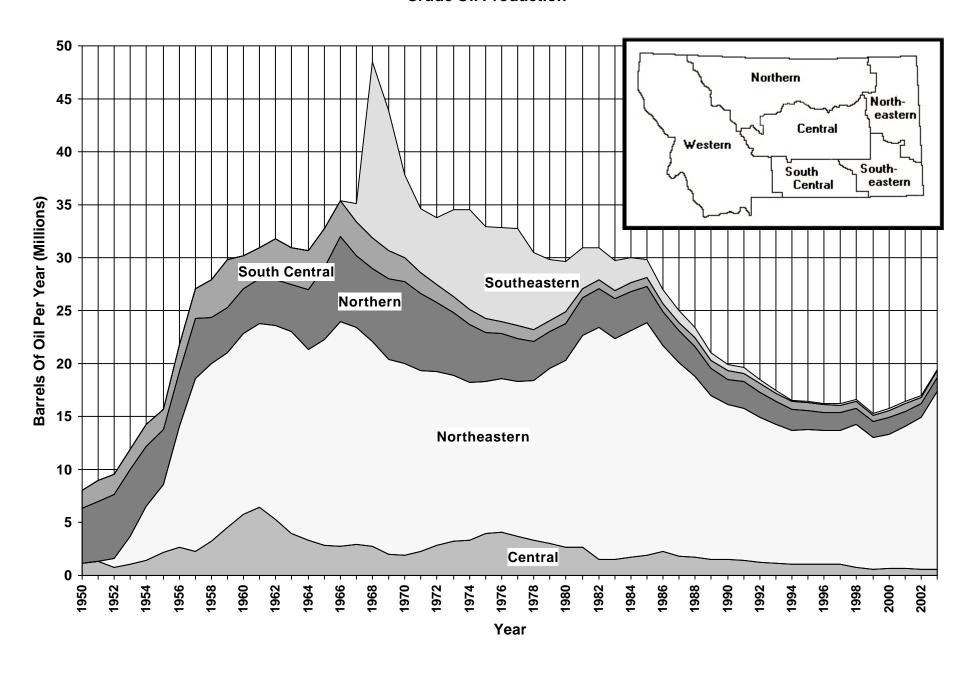
New Wells Permitted	834	Re-issued Permits	217
Vertical Wells	651		
Horizontal Wells	183		
Permits for Horizontal Re	e-entry Of Existing	g Vertical Well 52	

### **Board Orders**

Total Number Of Orders Issued 354

Orders Included The Following Actions:	Number Of Actions
Units Or Enhanced Recovery Projects	1
Exception To Spacing Or Field Rules	139
Field Delineation, Enlargement, Or Reduction	14
Certification For Tax Incentive	11
Temporary Or Permanent Spacing Unit Designation	152
Class II Injection Permits	29
Other	34

### **Crude Oil Production**



# **Five-Year Production Summary**

Northern Montana		1999	2000	2001	2002	2003
Central South Central South Central South Central South Central Northeastern 12,373,43 (25,987) 31,367,00 (42,71,72 (16,783,72) (16,783,73) (14,77,72) (16,783,73) (17,77,72) (16,783,73) (17,77,72) (16,783,73) (17,77,72) (16,783,73) (17,77,72) (16,783,73) (17,77,72) (16,783,73) (17,77,72) (17,781) (18,77,73) (18,783,73	OIL PRODUCTION IN BARRELS					
South Central Northeastern         606,812 (2,373,436)         606,340 (2,559,879)         61,306,700 (3,3367)         727,417 (1,778,737,373,373)           Northeastern         208,707 (2,13,671)         13,367,900 (1,62,77,161)         14,073,737         14,073,737         14,074,171         19,367,373           Northern Mortana         1,854 (1,894)         1,894 (1,894)         1,845 (1,756)         1,756 (2,756	Northern Montana	1,511,361	1,555,734	1,429,152	1,312,470	1,273,051
Northeastern   12,373,436   12,559,879   13,367,90   14,274,172   16,783,732   208,707   213,671   173,567   157,118   141,033   173,675   157,118   141,033   173,675   157,118   141,033   173,675   157,118   141,033   173,675   157,118   141,033   173,675   157,118   141,033   173,075   173,075   157,118   141,033   173,075   173,0	Central	638,239	725,437	650,982	630,368	597,776
Southeastern         208,707         213,671         173,567         157,118         141,039           Total         15,338,555         15,751,061         16,277,761         16,977,511         19,367,737           NUMBER OF PRODUCING OIL WELLS           Northern Montana         1,854         1,891         1,845         1,756         222           South Central         118         125         131         130         128           Northeastern         1,265         1,305         1,344         1,303         128           Northeastern         1,265         1,305         1,344         1,303         1,289           Total         3,534         3,627         3,602         3,551         3,597           EXPERAGE DAILY OIL PRODUCTION PER WELL           Northern Montana         3,1         2,9         2,7         2,7         2,6           Central         111,5         111,2         10,4         10,7         9,5           South Central         11,7         11,9         16,3         14,1         18,1           South-Central         11,5         11,2         10,0         9,1         3,6           South Central         11,5         11,8	South Central	606,812	696,340	656,160	603,383	572,145
Total   15,338,555   15,751,061   16,277,761   16,977,511   19,367,737   NUMBER OF PRODUCING OIL WELLS	Northeastern	12,373,436	12,559,879	13,367,900	14,274,172	16,783,732
Northern Montana	Southeastern	208,707	213,671	173,567	157,118	141,033
Northern Montana   1,854   1,891   1,845   1,756   2,222   2,001   2,002   2	Total	15,338,555	15,751,061	16,277,761	16,977,511	19,367,737
Central         225         229         220         215         222           South Central         118         125         134         1303         1480           Northeastern         72         77         62         57         52           Total         3,534         3,627         3,602         3,551         3,597           AVERAGE DAILY OIL PRODUCTION PER WELL           Northern Montana         3,1         2.9         2.7         2.7         2.6           Central         11.5         11.2         10.4         10.7         9.5           South Central         11.5         11.2         10.4         10.7         9.6           South Central         31.6         30.4         31.0         31.9         36.7           Southeastern         11.7         11.2         10.0         9.1         8.4           State Average         15.5         14.8         15.1         16.0         18.1           Northem Montana         47.271,980         52,335,691         57,102,389         56,249,129         55,206,666           Central         11,92,71         91,836         92,185         244,407         201,358           South Central	NUMBER OF PRODUCING OIL WELLS					
South Central Northeastern         118         125         131         130         128           Northeastern         1,265         1,305         1,344         1,393         1,430           Total         3,534         3,627         3,602         3,551         3,597           AVERAGE DAILY OIL PRODUCTION PER WELL           Northern Montana         3,1         2,9         2,7         2,7         2,6           Central         11,5         11,2         10,4         10,7         9,5           South Central         17,7         18,9         16,3         14,5         14,3           Northeastern         31,6         30,4         31,0         31,9         36,7           Southeastern         11,7         11,2         10,0         9,1         8,4           State Average         15,5         14,8         15,1         16,0         18,1           Northem Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,666           Central         11,92,71         91,836         92,185         244,407         201,358           South Central         11,58,942         4,804,418         9,300,792         11,103,921         8	Northern Montana	1,854	1,891	1,845	1,756	1,765
Northeastern Southeastern         1,265         1,305         1,344         1,393         1,436           Total         3,534         3,627         3,602         3,551         3,597           AVERAGE DAILY OIL PRODUCTION PER WELL           Northern Montana         3,1         2,9         2,7         2,7         2,6           Central         11,5         11,2         10,4         10,7         9,5           South Central         17,7         18,9         16,3         14,5         14,3           Northeastern         31,6         30,4         31,0         31,9         36,7           Southeastern         11,7         11,2         10,0         9,1         8,4           State Average         15,5         14,8         15,1         16,0         18,1           Northeastern         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,356           Central         119,271         91,836         92,185         244,407         201,356           South Central         1,58,942         4,804,418         9,300,792         11,103,321	Central	225	229	220	215	222
Southeastern         72         77         62         57         52           Total         3,534         3,627         3,602         3,551         3,597           AVERAGE DAILY OIL PRODUCTION PER WELL           Northem Montana         3.1         2.9         2.7         2.7         2.6           Central         11.5         11.2         10.4         10.7         9.5           South Central         17.7         11.9         16.3         14.5         31.4           Northeastern         31.6         30.4         31.0         31.9         36.7           Southeastern         11.7         11.2         10.0         9.1         8.4           State Average         15.5         14.8         15.1         16.0         18.1           Northem Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91.836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824	South Central	118	125	131	130	128
Northern Montana   3.1   2.9   2.7   2.7   2.6	Northeastern	1,265	1,305	1,344	1,393	1,430
Northern Montana   3.1   2.9   2.7   2.7   2.6	Southeastern	72	77	62	57	52
Northern Montana   3.1   2.9   2.7   2.7   2.6     Central	Total	3,534	3,627	3,602	3,551	3,597
Central         11.5         11.2         10.4         10.7         9.5           South Central         17.7         18.9         16.3         14.5         14.3           Northeastern         31.6         30.4         31.0         31.9         36.7           Southeastern         11.7         11.2         10.0         9.1         8.4           State Average         15.5         14.8         15.1         16.0         18.1           Northern Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,358           South Central         119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         111,03,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           South Central         448,519         391,012         384,830         314,136         287,241           Northern Montana         3,386         3,537         3,687         3,822         3,929     <	AVERAGE DAILY OIL PRODUCTION PER WELL					
South Central Northeastern         17.7         18.9         16.3         14.5         14.3           Northeastern         31.6         30.4         31.0         31.9         36.7           Southeastern         11.7         11.2         10.0         9.1         8.4           State Average         15.5         14.8         15.1         16.0         18.1           NOR Associated Gas Production in McF           Northern Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,388           South Central         11,58,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           Southeastern         448,519         391,012         334,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           Northern Montana         3,386         3,537         3,687         3,822         3,792           Northern Montana	Northern Montana	3.1	2.9	2.7	2.7	2.6
Northeastern Southeastern         31.6 11.7 11.2 10.0 9.1 8.4           State Average         15.5 14.8 15.1 16.0 18.1           Northeastern State Average         15.5 14.8 15.1 16.0 18.1           Northeastern South Average         15.5 14.8 15.1 16.0 18.1           Northeastern Montana         47,271,980 52,335,691 57,102,389 56,249,129 55,206,665 Central 119,271 91,836 92,185 244,407 201,388 South Central 119,271 91,836 92,185 244,407 201,388 South Central 1,158,942 4,804,418 9,300,792 11,103,921 8,492,510 Northeastern 66,608,395 7,209,798 8,287,408 11,514,824 14,188,647 Southeastern 448,519 391,012 384,830 314,136 287,241 Total 55,607,107 64,832,755 75,167,604 79,426,417 78,376,421 Total 79,426,417 78,376,421 Total 79,426,417 79,426,417 78,376,421 Total 79,426,417 79,426,417 78,376,421 Total 79,426,417 78,376,421 Total 79,426,417 79,426,417 79,426,417 78,376,421 Total 79,426,417 79,426,41	Central	11.5	11.2	10.4	10.7	9.5
Southeastern         11.7         11.2         10.0         9.1         8.4           State Average         15.5         14.8         15.1         16.0         18.1           NON-ASSOCIATED GAS PRODUCTION IN MCF           Northem Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         1119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           South Central         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           Northeastern         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295	South Central	17.7	18.9	16.3	14.5	14.3
Non-Associated Gas Production In McF   Northern Montana   47,271,980   52,335,691   57,102,389   56,249,129   55,206,665   Central   119,271   91,836   92,185   244,407   201,388   South Central   1,158,942   4,804,418   9,307,92   11,103,921   8,492,510   Northeastern   6,608,395   7,209,798   8,287,408   11,514,824   14,188,647   Southeastern   448,519   391,012   384,830   314,136   287,241   Total   55,607,107   64,832,755   75,167,604   79,426,417   78,376,421   70,401	Northeastern	31.6	30.4	31.0	31.9	36.7
NON-ASSOCIATED GAS PRODUCTION IN MCF           Northern Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,624         14,188,647           Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS         Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South Central         3,790         4,053         4,327         4,540         4,809           Northern M	Southeastern	11.7	11.2	10.0	9.1	8.4
Northern Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,186,647           Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS         V         3,537         3,687         3,822         3,929           Central         9         8         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South Central         3,790         4,053         4,327         4,540         4,809           Northern Montana         43.0         44.7         46.8         43.9	State Average	15.5	14.8	15.1	16.0	18.1
Northern Montana         47,271,980         52,335,691         57,102,389         56,249,129         55,206,665           Central         119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS         Northean Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South Central         3,790         4,053         4,327         4,540         4,809           Northeastern         43.0         44.7						
Central         119,271         91,836         92,185         244,407         201,358           South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South Central         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WELL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1	NON-ASSOCIATED GAS PRODUCTION IN MCF					
South Central         1,158,942         4,804,418         9,300,792         11,103,921         8,492,510           Northeastern         6,608,395         7,209,798         8,287,408         11,514,824         14,188,647           Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS           Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WELL         43.0         44.7         46.8         43.9         41.7           Northern Montana         43.0         44.7         46.8         43.9         41.7						-
Northeastern Southeastern         6,608,395 448,519         7,209,798 391,012         8,287,408 314,136         11,514,824 287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS           Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South Central         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5		•	· ·	•	·	•
Southeastern         448,519         391,012         384,830         314,136         287,241           Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS           Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           South eastern         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5						
Total         55,607,107         64,832,755         75,167,604         79,426,417         78,376,421           NUMBER OF PRODUCING GAS WELLS         Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL         VIII A GAS PRODUCTION PER WEL </td <td></td> <td>-</td> <td></td> <td></td> <td></td> <td></td>		-				
NUMBER OF PRODUCING GAS WELLS           Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	Southeastern		· · · · · · · · · · · · · · · · · · ·			
Northern Montana         3,386         3,537         3,687         3,822         3,929           Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL         VIII         VIII         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	Total	55,607,107	64,832,755	75,167,604	79,426,417	78,376,421
Central         9         8         8         7         6           South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL         Value         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	NUMBER OF PRODUCING GAS WELLS					
South Central         142         205         280         292         378           Northeastern         245         295         344         412         489           Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	Northern Montana	3,386	3,537	3,687	3,822	3,929
Northeastern         245         295         344         412         489           Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5						
Southeastern         8         8         8         7         7           Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	South Central		205	280	292	378
Total         3,790         4,053         4,327         4,540         4,809           AVERAGE DAILY GAS PRODUCTION PER WEL           Northern Montana         43.0         44.7         46.8         43.9         41.7           Central         47.5         39.9         38.1         123.3         101.9           South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5	Northeastern	245	295	344		489
AVERAGE DAILY GAS PRODUCTION PER WEL         Northern Montana       43.0       44.7       46.8       43.9       41.7         Central       47.5       39.9       38.1       123.3       101.9         South Central       58.5       80.8       110.3       115.1       81.4         Northeastern       85.8       76.4       77.7       88.4       89.5	Southeastern	8	8	8	7	7
Northern Montana       43.0       44.7       46.8       43.9       41.7         Central       47.5       39.9       38.1       123.3       101.9         South Central       58.5       80.8       110.3       115.1       81.4         Northeastern       85.8       76.4       77.7       88.4       89.5	Total	3.790	4,053	4,327	4,540	4,809
Central       47.5       39.9       38.1       123.3       101.9         South Central       58.5       80.8       110.3       115.1       81.4         Northeastern       85.8       76.4       77.7       88.4       89.5	AVERAGE DAILY GAS PRODUCTION PER WEI	-,				
South Central         58.5         80.8         110.3         115.1         81.4           Northeastern         85.8         76.4         77.7         88.4         89.5		2,123				
Northeastern 85.8 76.4 77.7 88.4 89.5	ı	·	44.7	46.8	43.9	41.7
	Northern Montana	43.0				
Southeastern 157.3 144.5 141.7 126.4 124.8	Northern Montana Central	43.0 47.5	39.9	38.1	123.3	101.9
	Northern Montana Central South Central	43.0 47.5 58.5	39.9 80.8	38.1 110.3	123.3 115.1	101.9 81.4
State Average         46.3         48.8         53.1         52.6         49.3	Northern Montana Central South Central Northeastern	43.0 47.5 58.5 85.8	39.9 80.8 76.4	38.1 110.3 77.7	123.3 115.1 88.4	101.9 81.4 89.5

# 2003 Refiners' Annual Report

# Summary

Company	Beginning Storage	Montana Oil	Wyoming Oil	Canada Oil	Refined	Ending Storage
Cenex	212,732	889,294	408,712	17,827,042	19,124,203	213,577
Conoco	160,943	302,072	674,758	17,715,443	18,725,625	127,591
Exxon Corp.	156,964	0	8,466,132	11,129,578	19,578,785	173,889
Montana Refining Co.	17,339	140,380	0	2,284,724	2,429,642	12,801
Total	547.978	1.331.746	9.549.602	48,956,787	59,858,255	527,858

# Percentage Of Crude Oil Received

Year	Montana	Canada	Wyoming
1999	5.57	72.19	22.24
2000	5.93	71.20	22.87
2001	4.69	74.57	20.74
2002	2.84	78.95	18.21
2003	2.23	81.81	15.96

### **Average Barrels Per Day**

Year	Montana	Canada	Wyoming	Total
1999	8,664	112,291	34,585	155,540
2000	9,644	115,839	37,202	155,540
2001	7,403	117,671	32,732	157,806
2002	4,749	131,863	30,411	167,023
2003	3,648	134,128	26,163	163,939

# **Refining Five Year Comparison (Barrels)**

1999	2000	2001	2002	2003
56 647 673	59 449 877	57 627 637	61 048 692	59 858 255

# **Five-Year Permit Summary**

1999	Oil	Gas	СВМ	Gas Storage	Injection	Disposal	Other	Total
Quarter 1	10	35	21	3	0	0	0	69
Quarter 2	11	67	61	0	0	0	0	139
Quarter 3	28	124	45	0	0	0	0	197
Quarter 4	30	103	29	0	0	0	0	162
Total 1999	79	329	156	3	0	0	0	567
2000	Oil	Gas	СВМ	Gas Storage	Injection	Disposal	Other	Total
Quarter 1	18	70	21	0	0	0	0	109
Quarter 2	22	120	3	0	0	0	0	145
Quarter 3	43	67	48	6	0	0	0	164
Quarter 4	48	87	41	0	2	2	4	184
Total 2000	131	344	113	6	2	2	4	602
2001	Oil	Gas	СВМ	Gas Storage	Injection	Disposal	Other	Total
Quarter 1	24	78	29	0	2	0	2	135
Quarter 2	26	159	23	0	1	0	4	213
Quarter 3	37	125	17	5	0	0	0	184
Quarter 4	40	106	12	2	0	0	0	160
Total 2001	127	468	81	7	3	0	6	692
2002	Oil	Gas	СВМ	Gas Storage	Injection	Disposal	Other	Total
Quarter 1	38	141	6	0	0	0	0	185
Quarter 2	19	135	0	2	0	0	0	156
Quarter 3	47	92	0	0	0	0	0	139
Quarter 4	39	85	7	0	0	0	0	131
Total 2002	143	453	13	2	0	0	0	611
2003	Oil	Gas	СВМ	Gas Storage	Injection	Disposal	Other	Total
Quarter 1	27	47	12	0	0	1	0	87
Quarter 2	68	155	21	0	0	0	0	244
Quarter 3	53	113	166	0	0	0	0	332
Quarter 4	65	84	19	3	0	0	0	171
Total 2003	213	399	218	3	0	1	0	834

# **Five-Year Completion Summary**

1999	Oil	Gas	СВМ	Gas Storage	Dry	Injection	Disposal	Other	Total
Quarter 1	5	16	1	1	2	7	0	1	33
Quarter 2	2	44	2	2	14	7	0	0	71
Quarter 3	8	116	58	0	29	2	0	0	213
Quarter 4	12	59	50	0	18	3	0	0	142
Total 1999	27	235	111	3	63	19	0	1	459
2000	Oil	Gas	СВМ	Gas Storage	Dry	Injection	Disposal	Other	Total
Quarter 1	16	28	9	0	8	0	0	0	61
Quarter 2	10	70	20	0	17	1	0	0	118
Quarter 3	15	120	12	6	15	3	0	0	171
Quarter 4	17	69	36	0	17	1	0	0	140
Total 2000	58	287	77	6	57	5	0	0	490
2001	Oil	Gas	СВМ	Gas Storage	Dry	Injection	Disposal	Other	Total
Quarter 1	21	40	17	0	20	2	0	0	100
Quarter 2	29	83	17	0	24	3	0	0	156
Quarter 3	19	79	8	1	20	7	0	3	137
Quarter 4	25	93	6	0	18	1	2	1	146
Total 2001	94	295	48	1	82	13	2	4	539
2002	Oil	Gas	СВМ	Gas Storage	Dry	Injection	Disposal	Other	Total
Quarter 1	18	67	2	0	11	1	0	0	99
Quarter 2	15	58	2	3	15	1	0	0	94
Quarter 3	9	134	3	0	25	4	0	1	176
Quarter 4	15	54	1	3	20	1	0	0	94
Total 2002	57	313	8	6	71	7	0	1	463
2003	Oil	Gas	СВМ	Gas Storage	Dry	Injection	Disposal	Other	Total
Quarter 1	17	22	6	0	12	1	1	0	59
Quarter 2	28	55	7	0	13	5	1	0	109
Quarter 3	27	134	56	0	21	2	1	0	241
Quarter 4	28	83	119	0	17	1	0	0	248
Total 2003	100	294	188	0	63	9	3	0	657

# 2003 Top 100 Oil Producers

	Company	Barrels of Oil		Company	Barrels of Oil
1	Encore Operating LP	5,896,275	51	Soap Creek Associates, Inc.	33,292
2	Burlington Resources Oil & Gas Company LP	1,892,830	52	Eagle Oil & Gas Co.	32,074
3	Headington Oil LP	1,711,223	53	Mountainview Energy Ltd	31,708
4	Nance Petroleum Corporation	1,602,490	54	Makoil, Inc.	29,847
5	Lyco Energy Corporation	1,197,705	55	Croft Petroleum Company	29,467
	Howell Petroleum Corp.	498,460		Carrell Oil Company Dba Coco	29,033
7	Continental Resources Inc	426,616		Wyoming Resources Corporation	29,014
8	Petro-Hunt, LLC	424,300		BTA Oil Producers	27,300
9	CamWest II, LP	422,182	59	Fulton Producing Co.	26,925
10	Cortez Operating Company	378,854		Wesco Operating, Inc.	26,921
11	Westport Oil And Gas Co., L.P.	240,850	61	Macum Energy Inc.	26,747
12	Quicksilver Resources, Inc.	221,161	62	McRae & Henry Ltd	26,280
13	Whiting Petroleum Corporation	211,554		Shakespeare Oil Co Inc	26,102
14	Citation Oil & Gas Corporation	183,671	64	Ritchie Exploration, Inc.	25,864
15	True Oil LLC	173,865	65	Coolidge, G. B., Inc.	24,868
16	Summit Resources, Inc.	164,851	66	Berexco, Inc.	23,581
17	Chesapeake Operating Inc.	163,263	67	R & A Oil, Inc.	22,899
		143,028	68	Hawley & Desimon	22,415
	Luff Exploration Company	134,218	69	Flying J Oil and Gas, Inc.	22,177
20	Ballard Petroleum Holdings LLC	113,909	70	Great Plains Resources Inc.	20,496
21	Prima Exploration, Inc.	113,528	71	Northern Oil Production, Inc.	19,918
22	Staghorn Energy, LLC	100,841	72	Cavalier Petroleum	17,681
	Prospective Investment & Trading Co. Ltd.	99,069	73	XOIL Inc.	17,487
24	Armstrong Operating, Inc.	97,321	74	Beren Corporation	16,571
25	Cline Production Company	96,003	75	Provident Energy Assoc. Of Mt Llc	16,197
26	Columbus Energy Corp.	93,741		Grand Resources, Ltd.	14,664
	Cowry Enterprises, Ltd.	93,237	77	Hawkins, Robert S.	13,826
28	Dominion Oklahoma Texas Exploration & Prod	92,979	78	Griffon & Associates, LLC	13,392
29	FX Drilling Company, Inc.	91,084	79	MCR, LLC	13,119
30	Whiting Oil and Gas Corporation	88,832	80	Sannes, Ronald M. Or Margaret Ann	13,080
31	Williston Industrial Supply Corporation	83,948	81	Klabzuba Oil & Gas, Inc.	13,026
32	EnCana Energy Resources, Inc.	77,765	82	ST Oil Company	12,812
33	EOG Resources, Inc.	73,824	83	Missouri River Royalty Corporation	12,769
34	Somont Oil Company, Inc.	71,603	84	Panther Creek Resources, LLC	12,513
35	Bill Barrett Corporation	67,525	85	Chandler Energy, LLC	11,985
36	Shotgun Creek, LLC	61,550	86	Behm L.E., Inc.	11,388
37	Breck Operating Corp.	60,666	87	Hofland, James D.	11,124
38	Basic Earth Science Systems, Inc.	51,617	88	Upton Resources U.S.A., Inc.	10,538
39	Beartooth Oil & Gas Company	50,340	89	Fulton, William M.	10,381
40	Kipling Energy Incorporated	49,290	90	Ritter, Laber & Associates, Inc.	10,267
41	Furst Engineering, Inc.	48,407	91	Samson Resources Company	10,187
42	Tomahawk Oil Company	46,383	92	Sinclair Oil Corporation	9,988
43	Chaparral Energy, LLC	45,275	93	Keesun Corporation	9,253
44	Thomas Operating Co., Inc.	45,227	94	K2 America Corporation	8,601
45	Tyler Oil Company	44,149	95	Hawley Oil Company	8,545
46	Equity Oil Company	42,609	96	Main Energy, Inc.	8,490
47	Balko, Inc.	42,113	97	Hawley Hydrocarbons, Merrill&Carol Hawley D	8,477
48	Slawson Exploration Company Inc	40,665		Pride Energy Company	8,472
	Bluebonnet Energy Corporation	36,024	99	Yellowstone Petroleums, Inc.	8,099
50	Fulton Fuel Company	35,130	100	Medallion Petroleum, Inc.	8,078

# 2003 Top Gas Producers

(Includes operators with over 10,000 MCF of gas produced during the calendar year.)

	Company	MCF		Company	MCF
1	Fidelity Exploration & Production Co.	30,582,744	51	Coolidge, G. B., Inc.	38,670
2	Ocean Energy, Inc.	11,063,572	52	Cut Bank Gas Company	37,663
3	Klabzuba Oil & Gas, Inc.	7,815,151	53	Stephens & Johnson Operating Company	33,739
4	EnCana Energy Resources, Inc.	6,700,639	54	TMR Exploration, Inc.	31,057
5	Devon Louisiana Corporation	6,083,660	55	Northland Holdings, Inc.	29,760
6	Noble Energy, Inc.	5,635,536	56	Solomon Exploration Inc.	29,747
7	Brown, J. Burns Operating Company	1,213,594	57	McCarthy, Lawrence J.	29,705
8	Croft Petroleum Company	739,383	58	Self, E. M.	29,629
9	Jurassic Resources Development NA LLC	552,834	59	Reserve Operating Corp.	29,093
10	Fulton Fuel Company	521,868	60	Potlatch Oil & Refining Co	23,452
11	Western Natural Gas Company	460,820	61	Hardrock Oil Company	20,308
12	Branch Oil & Gas	442,623	62	Cardinal Construction, LLC	17,897
13	Somont Oil Company, Inc.	412,494	63	Rocky Mountain Oil & Minerals	17,537
14	T.W.O. (Taylor Well Operating)	402,330	64	Flying J Oil and Gas, Inc.	17,471
15	Luff Exploration Company	392,951	65	Citation Oil & Gas Corporation	16,517
16	Keesun Corporation	367,493	66	Slow Poke Production-George L. Dobson Dba	15,736
17	Omimex Canada, Ltd.	348,935	67	Chandler Energy, LLC	15,481
18	Spectrum Energy, Inc.	310,099	68	Lease Technicians, James S. Brandt Dba	15,104
19	Ranck Oil Company, Inc.	294,762	69	Petroleum Engineering & Management Corp.	14,746
20	Fulton Producing Co.	210,127	70	Shadco	14,070
21	Griffon Petroleum, Inc.	206,627	71	Aztec Gas & Oil Corp.	11,881
22	Constitution Gas Transport Co., Inc.	182,632	72	Rincon Oil & Gas LLC	11,449
23	Mountain Pacific General Inc.	175,376	73	A & G Oil & Gas	11,291
24	Northwestern Energy, LLC	170,680	74	Stivers, Inc.	10,467
25	Helis Oil and Gas Company, LLC	164,942	75	Intermountain Leasing, Inc.	10,026
26	Macum Energy Inc.	153,329			
27	Nance Petroleum Corporation	150,186			
28	Montana Heartland LLC	137,926			
29	Saco, Town Of	132,377			
30	Sands Oil Company	128,466			
31	Blackstone Operating	128,315			
32	Great Northern Drilling Company	119,227			
33	AltaMont Oil & Gas Inc.	112,931			
34	G/S Producing, Inc.	95,317			
35	Bald Eagle Resources, Inc.	88,617			
	Robinson Oil Company, LLC	86,524			
37	Equity Oil Company	85,487			
38	Balko, Inc.	82,763			
39	Sector Resources (II) Ltd.	82,596			
40	Bowers Oil & Gas, Inc.	81,478			
41	Sagebrush Operating, LLC	78,403			
42	Topaz Oil & Gas Inc	75,214			
43	Prairie Dog Exploration, LLC	71,138			
44	Rimrock Colony	61,923			
	Cavalier Petroleum	57,373			
	Unit Petroleum Company	55,725			
	S & W Petroleum Consultants, Inc.	51,760			
	K2 America Corporation	46,334			
49	Parsell, R. W.	45,434			
50	Quicksilver Resources, Inc.	42,851			

# 2003 Top Oil And Gas Producing Fields

	Oil Fields			Gas Fields	S
	Field	Barrels		Field	MCF
1	Elm Coulee	2,687,533	1	Cedar Creek	13,310,664
2	Pennel	2,387,646	2	Tiger Ridge	11,989,523
3	Lookout Butte, East, Unit	1,757,201	3	Bowdoin	10,449,322
4	Pine	1,175,582	4	CX	7,229,945
5	Cabin Creek	1,145,014	5	Red Rock	4,893,869
6	Lookout Butte	528,250	6	Battle Creek	3,510,002
7	Elk Basin	453,757	7	Whitewater	2,473,943
8	Bainville, North	415,075	8	Cut Bank	2,121,253
9	Cut Bank	381,691	9	Sherard, Area	2,097,474
10	Flat Lake	320,854	10	Bullwacker	1,934,755
11	Lane	320,408	11	Sawtooth Mountain	1,919,264
12	Gas City	278,946	12	Loring	1,336,888
13	Monarch	234,958	13	Ashfield	1,295,928
14	Little Beaver	213,118	14	Loring, East	787,005
15	Mon Dak, West	196,563	15	Pine Gas	690,760
16	Kevin-Sunburst	192,584	16	Dry Creek	685,551
17	Brush Lake	192,002	17	Brown's Coulee, East	629,204
18	Sioux Pass	189,410	18	Old Shelby	582,055
19	Pondera	157,701	19	Prairie Dell	534,271
20	Sioux Pass, North	143,630	20	Whitlash	502,765
21	Crane	138,637	21	Keith, East	482,979
22	Little Beaver, East	137,899	22	Kevin-Sunburst	474,005
23	Nohly	136,419	23	Rocky Boy Area	458,584
24	Katy Lake, North	136,258	24	Utopia	421,984
25	Lustre	134,869	25	Bowes	385,555
26	Bell Creek	134,821	26	Black Coulee	318,077
27	Ridgelawn	125,293	27	Grandview	300,775
28	Brorson	123,206	28	Big Coulee	299,297
29	Dwyer	119,763	29	Kevin Southwest	252,474
30	Sumatra	105,815	30	Brown's Coulee	231,813
31	Glendive	99,908	31	Swanson Creek	227,442
32	Lonetree Creek	98,527	32	Signal Butte	221,869
33	Breed Creek	98,312	33	Big Rock	220,366
34	Putnam	97,939	34	Whitewater, East	215,410
35	Poplar, East	92,311	35	Liscom Creek	182,632
36	Spring Lake	88,372	36	Amanda	178,579
37	Fairview	88,213	37	O'Briens Coulee	177,238
38	Volt	87,840	38	Fresno	175,989
39	Bainville II	87,472	39	Arch Apex	174,754
40	Rabbit Hills	84,547	40	Leroy	159,549
41	Reagan	83,919	41	Badlands	139,135
42	Dugout Creek	81,506	42	Dunkirk, North	127,719
43	Clear Lake	81,370	43	Dry Creek (Shallow Gas)	119,157
44	Divide	76,265	44	Kicking Horse	109,632
	Vaux	72,923		Dry Creek, West	107,763
	Palomino	71,101		Willow Ridge, South	106,784
	Windy Ridge	69,597		Devon	104,795
	Poplar, Northwest	67,944		Bell Creek, Southeast	104,609
	Goose Lake	67,015		Williams	94,283
50	Shotgun Creek	66,390	50	Loring, West	93,775

# 2003 Field Summary, Reported Oil Fields

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels
Ace High		3,686	Burns Creek, South		80,199
Agawam		79	Butcher Creek		579
Alkali Coulee		53,229	Bynum		5,971
Andes		21,175	Cabaret Coulee	435	447,266
Antelope, North		2,484	Cabin Creek	1,145,014	108,970,614
Anvil	57,936	5,168,722	Cadmus		1,173
Anvil, North		9,446	Canadian Coulee		2,145
Ash Creek		868,169	Canal	22,744	1,434,622
Ator Creek	1,933	35,128	Cannon Ball		74,779
Autumn		35,546	Carlyle		330,289
Bainville	59,541	1,159,720	Cat Creek	38,221	24,115,874
Bainville (Ratcliffe/Mission Canyon)	6,819	58,299	Cattails	35,512	1,105,289
Bainville II	87,472	1,162,869	Cattails, South	10,003	327,705
Bainville, North	415,075	6,612,417	Cedar Hills, West Unit	27,935	57,804
Bainville, West	31,577	338,871	Charlie Creek	25,565	1,040,659
Bannatyne	5,188	457,297	Charlie Creek, East	20,813	1,032,801
Bascom		27,830	Charlie Creek, North		43,894
Beanblossom	11,196	669,032	Chelsea Creek	3,392	147,324
Bear's Den	4,018	780,488	Clark's Fork	548	98,082
Belfry		101,245	Clark's Fork, North		1,024,608
Bell Creek	134,821	133,317,827	Clark's Fork, South	906	83,976
Benrud		289,695	Clear Lake	81,370	4,338,597
Benrud, East	2,485	2,989,998	Clear Lake, South	25,458	271,672
Benrud, Northeast		1,019,598	Coalridge		22,937
Berthelote	584	70,669	Colored Canyon	21,318	1,215,670
Big Gully		114,493	Comertown	47,635	3,068,643
Big Gully, North		29,892	Comertown, South	11,985	507,836
Big Muddy Creek	8,939	1,413,574	Conrad, South		161,773
Big Rock		12,444	Corner Pocket		14,483
Big Wall	34,889	8,454,953	Cottonwood	34,097	584,069
Big Wall, North		7,218	Cottonwood, East	6,932	132,585
Black Diamond	2,005	667,941	Cow Creek		127,813
Blackfoot	6,681	1,802,900	Cow Creek, East	9,392	2,745,334
Blackfoot, East		810	Crane	138,637	3,285,115
Bloomfield	12,831	691,943	Crocker Springs, East		3,476
Blue Hill		162,251	Crooked Creek		28,471
Blue Mountain	7,656	175,026	Culbertson		175,652
Border	2,975	1,499,262	Cupton	39,989	2,943,166
Boulder		156,754	Curlew		5,468
Bowes	63,358	11,178,423	Cut Bank	382,846	169,827,991
Box Canyon	005	245,847	Dagmar	15,638	732,307
Bradley	625	274,452	Dagmar, North		55,342
Brady	4,092	260,079	Deadman's Coulee		264,528
Bredette		232,121	Dean Dome	47.000	92,597
Bredette, North	00.040	488,554	Deer Creek	47,226	2,963,132
Breed Creek	98,312	2,824,281	Delphia	1,830	365,428
Brorson South	123,206	5,225,354	Den	004	176,125
Brorson, South	30,687	2,413,986	Devil's Basin	901	133,627
Brush Lake	192,002	3,974,260	Devil's Pocket	40.400	53,796
Buffalo Lako		603	Diamond Point	19,483	1,164,248
Buffalo Lake		936	Divide	76,265	3,415,380
Burget Foot	47 400	6,504	Dooley Dry Crook	8,052	374,719
Burget, East	17,192 55	529,460 366,718	Dry Crook Middle	908	4,169,305
Burns Creek	55	266,718	Dry Creek, Middle	407	18,739

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels	
Dry Creek, West	444	14,971	Gumbo Ridge	3,176	625,510	
Dugout Creek	81,506	494,191	Gunsight	24,930	489,342	
Dunkirk, North		19	Gypsy Basin	876	514,418	
Dutch Henry		104,164	Hardpan		2,805	
Dutch John Coulee	6,511	281,966	Hardscrabble Creek		170,566	
Dwyer	119,763	9,560,324	Hawk Creek		13,277	
Eagle	18,543	2,300,883	Hawk Haven	1,658	44,330	
East Glacier	532	27,377	Hay Creek	17,343	1,725,338	
Elk Basin	453,757	89,803,181	Hell Coulee		67,203	
Elk Basin, Northwest	44,703	2,595,154	Hiawatha	10,037	1,726,043	
Elm Coulee	2,687,533	3,751,501	Hibbard		226,494	
Enid, North	32,810	519,871	High Five	31,413	3,031,475	
Epworth	4,301	98,332	Highview	2,930	124,392	
Fairview	88,213	9,909,267	Homestead		303	
Fairview, East	6,207	494,829	Honker		117,078	
Fairview, West	11,906	518,780	Horse Creek		13,516	
Fertile Prairie		807,540	Howard Coulee	8,484	225,307	
Fiddler Creek		2,574	Injun Creek	679	139,415	
Fishhook	33,202	1,295,400	Intake II	9,824	1,001,929	
Flat Coulee	43,748	5,636,206	Ivanhoe	20,195	4,778,558	
Flat Lake	320,854	19,310,974	Jack Creek		1,310	
Flat Lake, East	11,789	206,085	Jim Coulee	6,017	4,521,627	
Flat Lake, South	1,659	1,282,713	Katy Lake	22,298	262,204	
Flaxville		56,283	Katy Lake, North	136,258	6,286,513	
Fort Gilbert	25,572	2,593,441	Keg Coulee	6,254	5,798,576	
Four Buttes		42,391	Keg Coulee, North		451,401	
Four Mile Creek	4,763	484,308	Kelley	3,139	1,044,565	
Four Mile Creek, West	21,562	560,541	Kevin, East Nisku Oil	24,423	833,251	
Fox Creek	11,309	240,659	Kevin-Sunburst	192,668	82,275,786	
Fox Creek, North		75,398	Kicking Horse		1,526	
Fox Lake	5,123	6,979	Kincheloe Ranch	5,900	855,547	
Frannie		773,613	Kippen Area, East		150	
Fred & George Creek	21,340	13,580,914	Kippen, East		150	
Frog Coulee	6,333	314,486	Krug Creek		15,288	
Froid, South	11,043	396,353	Laird Creek	2,715	627,876	
Gage	1,142	678,603	Lake Basin		473,639	
Gage, Southwest		16,289	Lakeside		487	
Gas City	278,946	11,182,363	Lambert		518,124	
Gettysburg		304	Lambert, North		36,552	
Girard	12,166	677,353	Lambert, South	49,833	586,917	
Glendive	99,908	14,343,628	Lamesteer Creek		31,845	
Glendive, South		68,936	Landslide Butte	21,971	757,697	
Golden Dome	1,378	120,299	Lane	320,408	722,055	
Goose Lake	67,015	10,202,054	Lariat		3,599	
Goose Lake Red River		63,442	Laurel		1,017	
Goose Lake, East		4,522	Leary	1,249	689,078	
Goose Lake, Southeast		45,527	Ledger		292	
Goose Lake, West	10,994	709,902	Line Coulee		57,789	
Gossett	2,602	407,293	Lisk Creek		1,963	
Graben Coulee	23,153	2,547,263	Little Beaver	213,118	16,169,635	
Grandview	5,577	16,588	Little Beaver, East	137,899	7,190,044	
Grandview, East	1,031	65,894	Little Phantom		58,500	
Gray Blanket	26,747	371,005	Little Wall Creek	16,649	3,895,984	
Grebe	742	52,781	Little Wall Creek, South	17,196	1,473,450	
Green Coulee		128,759	Lobo		260,135	
Green Coulee, East	2,808	180,614	Lodge Grass	4,817	386,269	

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels
Lone Butte	11,145	928,121	Oxbow	30,977	702,355
Lone Rider		5,903	Oxbow II	15,323	693,291
Lonetree Creek	98,527	5,341,438	Palomino	71,101	3,096,907
Lonetree Creek, West		33,029	Pasture		2,869
Long Creek	1,608	96,225	Pasture Creek		4,783
Long Creek, West	17,133	924,262	Pelican		191,494
Lookout Butte	528,250	30,121,153	Pennel	2,387,646	105,749,795
Lookout Butte, East	39,067	39,067	Pete Creek		23,343
Lookout Butte, East, Unit	1,757,201	12,138,044	Phantom		43,585
Lost Creek		1,534	Pine	1,175,582	119,910,767
Lowell	9,841	342,389	Pine, East		19,349
Lowell, South	16,299	224,387	Pipeline		16,424
Lustre	134,869	6,372,229	Plentywood		22,830
Lustre, North	,	190,737	Pole Creek		169,726
Mackay Dome	26	118,812	Police Coulee		14
Malcolm Creek	-	11,450	Pondera	157,701	28,282,345
Mason Lake	11	1,007,740	Pondera Coulee	2,944	122,824
Mason Lake North		17,923	Poplar, East	92,311	47,020,443
McCabe	4,535	296,302	Poplar, Northwest	67,944	4,646,158
McCabe, East	16,029	125,846	Poplar, Southeast	0.,0	162,546
McCabe, South	. 0,020	6,599	Prairie Dell		1,575
McCabe, West		69,988	Prairie Elk		104,226
McCoy Creek	2,309	81,649	Prichard Creek	270	165,791
McDonald Creek	983	3,020	Pronghorn	2,154	490,237
Meander	200	8,194	Putnam	97,939	5,962,553
Medicine Lake	32,837	4,112,867	Putnam, East	4,051	4,051
Medicine Lake, South	12,075	189,597	Rabbit Hills	84,547	2,711,521
Melstone	7,329	3,362,701	Rabbit Hills, South	20,338	191,841
Melstone, North	15,071	732,763	Ragged Point	746	3,806,076
Midby	10,071	70,172	Ragged Point, Southwest	10,342	648,887
Midfork	55,150	840,030	Rainbow	10,542	166,375
Mineral Bench	55,150	186,656	Rattler Butte	65,266	1,679,426
Miners Coulee		153,294	Rattler Butte, South	1,111	14,745
Missouri Breaks		437,188	Rattlesnake Butte	12,068	682,292
Mon Dak, West	196,563	12,329,872	Rattlesnake Coulee	12,000	91,024
Mona Mona	2,008	159,783	Raymond	36,490	5,601,077
Monarch	234,958	8,483,423	Raymond, North	617	146,771
Mosser Dome	3,764	451,640	Raymond, Northeast	017	120,687
Musselshell	103	43,150	Reagan	84,191	10,173,162
Mustang	38,127	1,152,403	Red Bank	47,798	2,436,396
Neiser Creek				47,790	
Nielsen Coulee	28,637	609,205 218,946	Red Bank, South Red Creek	22.716	387,759
	2,533 785	•	Red Fox	32,716	6,963,885
Ninemile	136,419	79,896	Red Water	2 204	380,137
Nohly Nohly South	130,419	7,963,906		2,384	134,989
Nohly, South North Fork	E 44.4	145,482	Red Water, East	33,192	402,266
	5,414	630,244	Redstone	110	474,019
Olje	2 405	163,500	Refuge	110	312,284
Ollie Otic Crook	3,485	273,698	Repeat	22.060	547,064 2.156.407
Otis Creek	4,849 10.701	926,182	Reserve	22,060	2,156,407
Otis Creek, South	10,791	349,004	Reserve II	972	222,001
Otter Creek		28,492	Reserve, South		107,929
Outlet	00.000	6,384	Richey Foot		2,030,121
Outlook	23,086	9,169,398	Richey, East		10,386
Outlook, South	2.27	693,151	Richey, Southwest		1,903,189
Outlook, Southwest	3,370	145,518	Richey, West	10= 005	11,062
Outlook, West	26,102	1,087,157	Ridgelawn	125,293	7,889,331

Field	Annual Oil Barrels	Cumulative Barrels	Field	Annual Oil Barrels	Cumulative Barrels	
Ridgelawn, North	17,994	380,545	Tule Creek	14,306	8,478,445	
Riprap Coulee	35,266	991,842	Tule Creek, East		2,056,293	
River Bend		275,733	Tule Creek, South	9,988	1,049,549	
Rocky Point	9,826	630,290	Two Medicine Creek	·	10,249	
Roscoe Dome	,	15,556	Two Waters	7,284	370,514	
Rosebud	5,012	571,623	Utopia	22,267	887,607	
Rough Creek	0,0.2	3,599	Vaux	72,923	5,598,321	
Royals	5,412	385,750	Vida	. =,0=0	264,988	
Royals, South	0,412	3,082	Viking		160	
Rudyard	852	27,375	Volt	87,840	4,120,839	
Runaway	002	4,532	Wagon Box	07,040	32,412	
Rush Mountain	21,901	917,451	Wagon Trail		43,321	
Salt Lake	16,319	1,194,046	Wagon Hall Wakea	43,246	3,091,345	
Salt Lake, West	15,336	282,185	Waterhole Creek	61,271	781,724	
Sand Creek	•	2,402,080	Weed Creek	·	641,688	
	2,934	, ,		5,279	,	
Saturn		32,773	Weldon	0.700	7,050,531	
Scobey		3,916	West Butte	2,720	337,808	
Second Creek	2,921	1,453,105	West Fork		6,671	
Second Guess	1,248	28,640	Weygand	6,430	219,429	
Sheepherder		76,942	Whitlash	33,228	5,715,179	
Short Creek		8,950	Whitlash, West	2,048	136,108	
Shotgun Creek	66,390	920,550	Wibaux		23,580	
Shotgun Creek, North		89,673	Willow Creek, North	4,348	428,345	
Sidney	19,239	3,599,791	Willow Ridge	1,313	67,683	
Sidney, East	2,560	622,534	Willow Ridge, South		3,347	
Singletree		373,992	Wills Creek, South	54,003	1,924,658	
Sioux Pass	189,410	5,056,003	Windmill		31,943	
Sioux Pass, East		89,267	Windy Ridge	69,597	629,998	
Sioux Pass, Middle	19,158	1,833,278	Winnett Junction	10,647	1,126,092	
Sioux Pass, North	143,630	5,435,546	Wolf Creek		1,979	
Sioux Pass, South	6,483	346,299	Wolf Springs	8,755	4,896,048	
Sioux Pass, West	43,854	320,897	Wolf Springs, South	1,061	921,427	
Smoke Creek		100,305	Womans Pocket		3,526	
Snake Creek	8,709	83,180	Woodrow	21,427	1,412,131	
Snoose Coulee		6,861	Wrangler	12,897	810,085	
Snowden		1,938	Wrangler, North	2,936	158,962	
Snyder		477,620	Wright Creek	4,963	386,666	
Soap Creek	30,827	3,107,956	Yates		70,861	
Soap Creek, East	5,746	236,026	Yellowstone		39,405	
South Fork	17,953	1,178,325			•	
Spring Lake	88,372	1,721,323				
Spring Lake, South	,	114,064				
Spring Lake, West	2,963	87,561				
Stampede	3,367	417,872				
Stampede, North	0,007	4,566				
Stensvad	14,950	10,371,264				
Studhorse	2,674	215,956				
Sumatra	105,815	46,302,304				
Sundown	100,015					
		40,626				
Sunny Hill Wast		273,589				
Sunny Hill, West	<b>50 55</b> 5	194,871				
Target	56,553	1,279,772				
Thirty Mile	601	16,997				
Three Buttes	18,737	650,627				
Tinder Box	9,833	93,381				
Tippy Buttes		126,246				

# 2003 Field Summary, Reported Gas Fields

Field	Annual Gas MCF	Field	Annual Gas MCF	Field	Annual Gas MCF
Amanda	178,579	Galata	17,889	Sage Creek	79,242
Antelope Coulee	8,783	Gas Light	90,284	Sawtooth Mountain	1,919,264
Arch Apex	174,754	Gildford, North	12,827	Sears Coulee	71,138
Ashfield	1,295,928	Golden Dome	45,349	Shelby Area	10,321
Badlands	139,135	Grandview	300,833	Shelby, East	24,482
Battle Creek	3,510,002	Gypsy Basin	859	Sherard	25,726
Bear's Den	1,550	Hardpan	66,827	Sherard, Area	2,097,474
Bell Creek, Southeast	104,609	Havre	17,445	Signal Butte	221,869
Big Coulee	299,297	Haystack Butte	16,080	Sixshooter Dome	72,615
Big Rock	220,366	Haystack Butte, West	27,872	Snoose Coulee	52,996
Bills Coulee	11,054	Highline	4,583	Snow Coulee	1,256
Black Butte	40,579	Keith Area	15,987	Spring Coulee	8,526
Black Coulee	318,077	Keith, East	482,979	Strawberry Creek Area	18,949
Black Jack	58,156	Kevin Area	1,354	Swanson Creek	227,442
Blackfoot	40,584	Kevin Southwest	252,474	Three Mile	49,968
Bowdoin	10,449,322	Kevin Sunburst (Dakota)	6,665	Tiber	1,050
Bowes	385,555	Kevin Sunburst-Bow Island	47,375	Tiber, East	62,361
Bradley	1,686	Kevin, East Bow Island Gas			
•	•	,	14,458	Tiger Ridge Timber Creek, West	11,989,523
Brown's Coulee	231,813	Kevin, East Gas Kevin, East Nisku Oil	43,789	Trail Creek	7,573
Brown's Coulee, East	629,204	•	65,559		57,083
Bullwacker Comp Crook	1,934,755	Kevin-Sunburst	479,978	Utopia	432,383
Camp Creek	11,309	Kevin-Sunburst Nisku Gas	77,642	Vandalia	33,793
Cedar Creek	13,310,664	Kicking Horse	109,632	West Butte	20,267
Chinook, East	90,490	Laird Creek	6,647	West Butte Shallow Gas	8,971
Chip Creek	3,537	Lake Basin	65,983	Whitewater	2,473,943
Clark's Fork	22,748	Lake Francis, South	22,235	Whitewater, East	215,410
Clark's Fork, South	6,581	Ledger	82,763	Whitlash	539,409
Coal Coulee	60,750	Leroy	159,549	Whitlash, West	4,493
Coal Mine Coulee	10,112	Liscom Creek	182,632	Williams	94,283
Conrad, South	1,430	Little Creek	7,529	Willow Ridge	30,472
Cut Bank	2,149,712	Little Rock	72,319	Willow Ridge, South	106,784
CX	7,229,945	Lohman	39,632	Willow Ridge, West	2,131
Devon	104,795	Loring	1,336,888		
Devon, East	88,302	Loring, East	787,005		
Devon, South	1,080	Loring, West	93,775		
Devon, South Unit	54,043	Marias River	41,089		
Dry Creek	685,551	Middle Butte	40,139		
Dry Creek (Shallow Gas)	119,157	Miners Coulee	43,182		
Dry Creek, Middle	23,759	Mt. Lilly	5,320		
Dry Creek, West	107,763	O'Briens Coulee	177,238		
Dry Fork	13,467	Old Shelby	582,055		
Dunkirk	77,301	Phantom	8,829		
Dunkirk, North	127,719	Phantom, West	16,357		
Dutch John Coulee	42,874	Pine Gas	690,760		
Eagle Springs	8,444	Plevna	22,899		
Ethridge	71,010	Plevna, South	63,995		
Ethridge, North	9,425	Police Coulee	30,372		
Fitzpatrick Lake	80,456	Prairie Dell	534,271		
Flat Coulee	41,254	Prairie Dell, West	43,890		
Fort Conrad	12,256	Rattlesnake Coulee	1,619		
Four Mile Creek	1,997	Red Rock	4,893,869		
Fred & George Creek	20,350	Rocky Boy Area	458,584		
Fresno	175,989	Rudyard	47,788		

# **2003 County Drilling And Production Statistics**

		Production			Well Completions							
County	Oil Barrels	Assoc. Gas MCF	Gas MCF	Oil	Gas	СВМ	Dry	Service				
Big Horn	68,137	0	7,229,945	0	0	188	0	0				
Blaine	180,018	0	14,402,257	1	47	0	13	0				
Carbon	503,257	513,862	1,003,387	1	0	0	0	0				
Carter	0	0	0	0	3	0	1	0				
Chouteau	0	0	2,447,423	0	15	0	7	0				
Custer	0	0	182,632	0	1	0	0	0				
Daniels	2,968	39	0	0	0	0	1	0				
Dawson	554,733	210,756	0	1	0	0	0	2				
Fallon	6,840,173	1,740,730	13,607,526	31	86	0	0	3				
Fergus	0	0	22,641	0	0	0	0	0				
Garfield	25,110	1,402	0	0	0	0	0	0				
Glacier	520,346	102,420	1,829,722	0	1	0	2	0				
Golden Valley	0	0	178,717	0	0	0	0	0				
Hill	852	0	12,679,951	0	78	0	19	0				
Liberty	105,855	48,148	2,317,270	0	6	0	1	0				
McCone	9,392	0	0	0	0	0	1	0				
Musselshell	187,673	16,747	0	2	0	0	1	1				
Petroleum	40,032	3,300	0	0	0	0	1	0				
Phillips	0	0	15,818,411	0	37	0	0	0				
Pondera	136,296	0	235,648	0	1	0	0	0				
Powder River	141,033	25,584	104,609	0	0	0	0	0				
Prairie	186,693	22,194	1,683	0	0	0	0	1				
Richland	5,284,384	3,628,845	256	44	0	0	3	0				
Roosevelt	1,406,453	763,975	0	5	0	0	2	0				
Rosebud	329,866	23,056	0	0	8	0	2	0				
Sheridan	1,537,890	928,121	9,789	5	0	0	2	0				
Stillwater	26	0	186,563	0	0	0	0	0				
Sweetgrass	0	0	72,615	0	0	0	0	0				
Teton	52,062	0	11,054	0	0	0	0	0				
Toole	281,567	91,425	4,369,834	4	11	0	3	5				
Valley	190,019	51,465	1,095,095	2	0	0	3	0				
Wibaux	771,761	174,486	569,393	4	0	0	0	0				
Yellowstone	18,859	0	0	0	0	0	1	0				
Total:	19,375,455	8,346,555	78,376,421	100	294	188	63	12				

The volume of oil shown in this report includes condensate or reported natural gas liquids. Associated gas is gas from a well that produces less than 10,000 standard cubic feet of gas for each barrel of oil.

# 2003 Well Completion Summary By County

										OTENTIA
OPERATOR *	LOCATION	WELL NAME	API	TYPF **	FIELD	INTERVAL	COMPLETIC DATE	N DEPTH	OIL B/D	GAS MCF/D
0. 2.0	2007111011						57112	52		
003 Big Horn										
Fidelity Exploration & Production Co.	NENW 34-9S-41E	Federal 21M-3491	21470	CBM	Wildcat Big Horn	Monarch Coal	11/04/03	1250	0	0
Fidelity Exploration & Production Co.	NWSE 33-9S-40E	Conner 33M-3390	21574	CBM	CX	Monarch Coal	08/04/03	646	0	0
Fidelity Exploration & Production Co.	SWNW 2-9S-39E	Consol 12M-299	21604	CBM	CX	Monarch Coal	06/14/03	623	0	C
Fidelity Exploration & Production Co.	SWNE 33-7S-39E	M. Young 32KG-3379	21643	CBM	Wildcat Big Horn	King Coal	03/06/03	1485	0	C
Fidelity Exploration & Production Co.	SWSW 17-8S-39E	•	21644	CBM CBM	Wildcat Big Horn	Wall Coal	01/24/03	1770	0	(
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSW 27-8S-39E SWNE 19-8S-40E	Consol 14W-2789 Decker 32C-1980	21645 21646	CBM	Wildcat Big Horn Wildcat Big Horn	Wall Coal Carney Coal	01/07/03 01/15/03	1850 752	0	(
Fidelity Exploration & Production Co.	NESW 6-9S-40E	Spring Creek 23EB-690		CBM	CX	King Coal	07/01/03	1810	0	(
Powder River Gas, LLC	SWNW 7-8S-41E	Coal Creek 1	21649	CBM	Wildcat Big Horn	Wall Coal	01/07/03	1204	0	(
Powder River Gas, LLC	SWNW 7-8S-41E	Coal Creek 5-7W	21650	CBM	Wildcat Big Horn	Wall Coal	01/16/03	293	0	
Fidelity Exploration & Production Co.	SWNW 20-8S-39E	Consol 12D2/3-2089	21651	CBM	Wildcat Big Horn	Dietz 2, Dietz 3 Coals	06/12/03	398	0	
Fidelity Exploration & Production Co.	NESE 4-8S-40E	Montaylor 43EB-480	21652	CBM	Wildcat Big Horn	King Coal	08/08/03	1290	0	
Fidelity Exploration & Production Co.	NESE 31-9S-40E	Dewey 43C-3190	21654	CBM	CX	Carney Coal	06/05/03	621	0	
Fidelity Exploration & Production Co.	NESW 33-9S-40E	Conner 23D3-3390	21657	CBM	CX	Dietz 3 Coal	04/16/03	598	0	
Fidelity Exploration & Production Co.	NWSE 33-9S-40E	Conner 33D3-3390	21659	CBM	CX	Dietz 3 Coal	04/22/03	550	0	(
Fidelity Exploration & Production Co.	SENE 33-9S-40E	Conner 42D3-3390	21661	CBM	CX	Dietz 3 Coal	08/08/03	350	0	
Fidelity Exploration & Production Co.	SWSW 34-9S-40E		21662	CBM	CX	Dietz 2 Coal	05/07/03	412	0	(
Fidelity Exploration & Production Co.	SWNE 27-9S-40E	Visborg 32C-2790	21664	CBM	CX	Carney Coal	08/20/03	603	0	(
Fidelity Exploration & Production Co.	SWNE 27-9S-40E	Visborg 32D1-2790	21665	CBM	CX	Dietz 1 Coal	08/11/03	252	0	
Fidelity Exploration & Production Co.	SWNE 27-9S-40E	Visborg 32D2-2790	21666	CBM	CX	Dietz 2 Coal	08/11/03	274	0	
Fidelity Exploration & Production Co.	SWNE 27-9S-40E	Visborg 32D3-2790	21667	CBM	CX	Dietz 3 Coal	08/11/03	342	0	
Fidelity Exploration & Production Co.	SWNE 27-9S-40E	Visborg 32M-2790	21668	CBM	CX	Monarch Coal	08/21/03	446	0	
Fidelity Exploration & Production Co.	NENE 31-9S-40E NWSW 32-9S-40E	Consol 41C-3190	21669	CBM CBM	CX CX	Carney Coal	06/27/03	825 178	0	
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	NWSW 32-9S-40E	•		CBM	CX	Dietz 1 Coal Dietz 2 Coal	07/02/03 07/10/03	360	0	·
Fidelity Exploration & Production Co.		Carlton Dewey 13D3-32		CBM	CX	Dietz 2 Coal	07/08/03	396	0	
Fidelity Exploration & Production Co.	SWSE 32-9S-40E	Carlton Dewey 34C-329		CBM	CX	Carney Coal	07/00/03	739	0	
Fidelity Exploration & Production Co.	SWSE 32-9S-40E	Carlton Dewey 34D1-32		CBM	CX	Dietz 1 Coal	07/28/03	264	0	
Fidelity Exploration & Production Co.	SWSE 32-9S-40E	Carlton Dewey 34D2-32		CBM	CX	Dietz 2 Coal	07/25/03	420	0	
Fidelity Exploration & Production Co.	SWSE 32-9S-40E	Carlton Dewey 34D3-32		СВМ	CX	Dietz 3 Coal	07/24/03	459	0	
Fidelity Exploration & Production Co.	SWSE 32-9S-40E	Carlton Dewey 34M-329		CBM	CX	Monarch Coal	07/23/03	555	0	
Fidelity Exploration & Production Co.	SENE 32-9S-40E	Consol 42D1/2-3290	21678	CBM	CX	Dietz 1, Dietz 2 Coals	07/14/03	332	0	
Fidelity Exploration & Production Co.	SENE 32-9S-40E	Consol 42D3-3290	21679	CBM	CX	Dietz 3 Coal	07/16/03	380	0	
Fidelity Exploration & Production Co.	NESE 32-9S-40E	Carlton Dewey 43C-329	21680	CBM	CX	Carney Coal	08/01/03	677	0	
Fidelity Exploration & Production Co.	NESE 32-9S-40E	Carlton Dewey 43D1-32	21681	CBM	CX	Dietz 1 Coal	08/04/03	283	0	
Fidelity Exploration & Production Co.	NESE 32-9S-40E	Carlton Dewey 43D2-32	21682	CBM	CX	Dietz 2 Coal	07/31/03	305	0	
Fidelity Exploration & Production Co.	NESE 32-9S-40E	Carlton Dewey 43D3-32	21683	CBM	CX	Dietz 3 Coal	08/01/03	344	0	
Fidelity Exploration & Production Co.	NESE 32-9S-40E	Carlton Dewey 43M-329		CBM	CX	Monarch Coal	08/05/03	442	0	(
Fidelity Exploration & Production Co.	NWSE 28-9S-40E	Decker 33M-2890	21685	CBM	CX	Monarch Coal	08/27/03	453	0	(
Fidelity Exploration & Production Co.	NWSE 28-9S-40E	Decker 33D3-2890	21686	CBM	CX	Dietz 3 Coal	08/27/03	363	0	(
Fidelity Exploration & Production Co.	NWSE 28-9S-40E	Decker 33D1-2890	21687	CBM	CX	Dietz 1 Coal	08/28/03	275	0	(
Fidelity Exploration & Production Co.	NWSE 28-9S-40E	Decker 33C-2890	21688	CBM	CX	Carney Coal	08/26/03	638	0	(
Fidelity Exploration & Production Co.	SWNE 28-9S-40E	Decker 32M-2890	21689	CBM	CX	Monarch Coal	09/02/03	650	0	(
Fidelity Exploration & Production Co.	SWNE 28-9S-40E	Decker 32D1/2-2890 Decker 32C-2890	21690	CBM	CX	Dietz 1, Dietz 2 Coals	09/22/03	496	0	(
Fidelity Exploration & Production Co.  Fidelity Exploration & Production Co.	SWNE 28-9S-40E NWSW 27-9S-40E		21692	CBM CBM	CX	Carney Coal Monarch Coal	08/28/03 09/03/03	850 404	0	(
Fidelity Exploration & Production Co.	NWSW 27-93-40E		21693 21694	CBM	CX	Dietz 3 Coal	09/05/03	307	0	(
Fidelity Exploration & Production Co.		Decker 13D1/2-2790	21696	CBM	CX	Dietz 1, Dietz 2 Coals	09/22/03	265	0	·
Fidelity Exploration & Production Co.	NWSW 27-9S-40E		21697	CBM	CX	Carney Coal	08/29/03	585	0	
Fidelity Exploration & Production Co.	SWSE 22-9S-40E	Visborg 34M-2290	21698	CBM	CX	Monarch Coal	09/08/03	434	0	
Fidelity Exploration & Production Co.	SWSE 22-9S-40E	Visborg 34D3-2290	21699	CBM	CX	Dietz 3 Coal	09/09/03	335	0	
Fidelity Exploration & Production Co.	SWSE 22-9S-40E	Visborg 34D2-2290	21700	СВМ	CX	Dietz 2 Coal	09/15/03	242	0	
Fidelity Exploration & Production Co.	SWSE 22-9S-40E	Visborg 34D1-2290	21701	СВМ	CX	Dietz 1 Coal	09/16/03	222	0	
Fidelity Exploration & Production Co.	SWSE 22-9S-40E	Visborg 34C-2290	21702	CBM	CX	Carney Coal	09/05/03	605	0	
Fidelity Exploration & Production Co.	NENW 33-9S-40E	Decker 21M-3390	21703	CBM	CX	Monarch Coal	09/15/03	604	0	
Fidelity Exploration & Production Co.	NENW 33-9S-40E	Decker 21D3-3390	21704	CBM	CX	Dietz 3 Coal	09/09/03	498	0	
Fidelity Exploration & Production Co.	NENW 33-9S-40E	Decker 21D1/2-3390	21705	CBM	CX	Dietz 1, Dietz 2 Coals	09/26/03	466	0	
Fidelity Exploration & Production Co.	NENW 33-9S-40E	Decker 21C-3390	21706	CBM	CX	Carney Coal	09/17/03	764	0	
Fidelity Exploration & Production Co.	SWNE 28-9S-40E	Decker 32D3-2890	21707	CBM	CX	Dietz 3 Coal	08/22/03	562	0	
Fidelity Exploration & Production Co.	SWNE 34-9S-40E	Decker 32C-3490	21712	CBM	CX	Carney Coal	09/30/03	810	0	
Fidelity Exploration & Production Co.	SWNE 34-9S-40E	Decker 32D1-3490	21713	CBM	CX	Dietz 1 Coal	09/26/03	240	0	
Fidelity Exploration & Production Co.	SWNE 34-9S-40E	Decker 32D2-3490	21714	CBM	CX	Dietz 2 Coal	10/03/03	322	0	
Fidelity Exploration & Production Co.	SWNE 34-9S-40E	Decker 32D3-3490	21715	CBM	CX	Dietz 3 Coal	10/06/03	389	0	
Fidelity Exploration & Production Co.	SWNE 34-9S-40E	Decker 32M-3490	21716	CBM	CX	Monarch Coal	10/02/03	485	0	
Fidelity Exploration & Production Co.		Visborg 12C-2690	21717	CBM	CX	Carney Coal	09/25/03	667	0	
Fidelity Exploration & Production Co.		Visborg 12D1/2-2690	21719	CBM	CX	Dietz 1, Dietz 2 Coals	09/26/03	244	0	
Fidelity Exploration & Production Co.	SWNW 26-9S-40E	•	21720	CBM	CX	Dietz 3 Coal	09/22/03	302	0	
Fidelity Exploration & Production Co.		Visborg 12M-2690	21721	CBM	CX	Monarch Coal	09/22/03	407	0	
Fidelity Exploration & Production Co.		Visborg 14D1-2690	21722	CBM	CX	Dietz 1 Coal	09/22/03	452	0	
Fidelity Exploration & Production Co.	SWSW 26-9S-40E	Visborg 14D2-2690	21723	CBM	CX	Dietz 2 Coal	09/23/03	488	0	

							COMPLETION			OTENTIAL
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	DATE	DEPTH	OIL B/D	GAS MCF/D
Fidelity Exploration & Production Co.	SWSW 26-9S-40E	Visborg 14D3-2690	21724	СВМ	CX	Dietz 3 Coal	09/23/03	567	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSW 26-9S-40E SESE 27-9S-40E	Visborg 14M-2690 Visborg 44C-2790	21725 21726	CBM CBM	CX	Monarch Coal Carney Coal	09/16/03 10/17/03	702 864	0	0 0
Fidelity Exploration & Production Co.	SESE 27-9S-40E	Visborg 44D1-2790	21727	CBM	CX	Dietz 1 Coal	10/17/03	478	0	0
Fidelity Exploration & Production Co.	SESE 27-9S-40E	Visborg 44D2-2790	21728	CBM	CX	Dietz 2 Coal	10/22/03	503	0	0
Fidelity Exploration & Production Co.	SESE 27-9S-40E	Visborg 44D3-2790	21729	CBM	CX	Dietz 3 Coal	10/24/03	590	0	0
Fidelity Exploration & Production Co.	SESE 27-9S-40E	Visborg 44M-2790	21730	CBM	CX	Monarch Coal	10/21/03	694	0	0
Fidelity Exploration & Production Co.	SWSE 21-9S-40E	Consol Federal 34C-21		CBM	CX	Carney Coal	10/17/03	743	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSE 21-9S-40E SWSE 21-9S-40E	Consol Federal 34D1/2- Consol Federal 34D3-2		CBM CBM	CX	Dietz 1, Dietz 2 Coals Dietz 3 Coal	11/13/03 11/07/03	398 443	0	0 0
Fidelity Exploration & Production Co.	SWSE 21-9S-40E	Consol Federal 34M-21		CBM	CX	Monarch Coal	10/27/03	536	0	0
Fidelity Exploration & Production Co.	SWSW 22-9S-40E	Consol Federal 14D1/2-		CBM	CX	Dietz 1, Dietz 2 Coals	11/12/03	328	0	0
Fidelity Exploration & Production Co.	NWNW 27-9S-40E	Decker Federal 11C-27	21739	CBM	CX	Carney Coal	10/20/03	649	0	0
Fidelity Exploration & Production Co.	NWNW 27-9S-40E	Decker Federal 11D1/2-	21740	CBM	CX	Dietz 1, Dietz 2 Coals	11/13/03	345	0	0
Fidelity Exploration & Production Co.		Decker Federal 11M-27		CBM	CX	Monarch Coal	11/17/03	464	0	0
Fidelity Exploration & Production Co.		Consol Federal 12D1/2-		CBM	CX	Dietz 1, Dietz 2 Coals	11/12/03	580	0	0
Fidelity Exploration & Production Co.	SWSE 34-9S-40E	Seven Brothers Fed 34		CBM	CX	Carney Coal	11/07/03	851	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSE 34-9S-40E SWSE 34-9S-40E	Seven Brothers Fed 34 Seven Brothers Fed 34		CBM CBM	CX	Dietz 1 Coal Dietz 2 Coal	11/14/03 11/14/03	415 515	0	0 0
Fidelity Exploration & Production Co.	SWSE 34-9S-40E	Seven Brothers Fed 34		CBM	CX	Dietz 3 Coal	11/11/03	583	0	0
Fidelity Exploration & Production Co.	SWSE 34-9S-40E	Seven Brothers Fed 34		CBM	CX	Monarch Coal	11/10/03	692	0	0
Fidelity Exploration & Production Co.	NWNE 35-9S-40E	Visborg Federal 31C-35		CBM	CX	Carney Coal	10/21/03	936	0	0
Fidelity Exploration & Production Co.	NWNE 35-9S-40E	Visborg Federal 31D1-3	21752	CBM	CX	Dietz 1 Coal	10/17/03	469	0	0
Fidelity Exploration & Production Co.	NWNE 35-9S-40E	Visborg Federal 31D2-3	21753	CBM	CX	Dietz 2 Coal	10/17/03	583	0	0
Fidelity Exploration & Production Co.	NWNE 35-9S-40E	Visborg Federal 31M-35		CBM	CX	Monarch Coal	10/20/03	768	0	0
Fidelity Exploration & Production Co.		Seven Brothers Fed 12		CBM	CX	Carney Coal	10/23/03	740	0	0
Fidelity Exploration & Production Co.	SWNW 35-9S-40E	Seven Brothers Fed 12		CBM	CX	Dietz 1 Coal	11/05/03	294	0	0
Fidelity Exploration & Production Co.		Seven Brothers Fed 12 Seven Brothers Fed 12		CBM CBM	CX	Dietz 2 Coal Dietz 3 Coal	10/28/03	416 483	0	0 0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.		Seven Brothers Fed 12		CBM	CX	Monarch Coal	10/28/03 10/27/03	596	0	0
Fidelity Exploration & Production Co.	SWNW 36-9S-40E	Visborg State 12C-3690		CBM	CX	Carney Coal	12/17/03	826	0	0
Fidelity Exploration & Production Co.	SWNW 36-9S-40E	Visborg State 12D1-369		CBM	CX	Dietz 1 Coal	12/23/03	365	0	0
Fidelity Exploration & Production Co.		Visborg State 12D2-369		СВМ	CX	Dietz 2 Coal	12/22/03	513	0	0
Fidelity Exploration & Production Co.	SWNW 36-9S-40E	Visborg State 12D3-369	21764	CBM	CX	Dietz 3 Coal	12/19/03	585	0	0
Fidelity Exploration & Production Co.	SWNW 36-9S-40E	Visborg State 12M-3690	21765	CBM	CX	Monarch Coal	12/18/03	675	0	0
Fidelity Exploration & Production Co.	SWSW 36-9S-40E	Visborg State 14C-3690		CBM	CX	Carney Coal	12/24/03	826	0	0
Fidelity Exploration & Production Co.	SWSW 36-9S-40E	Visborg State 14D1-369		CBM	CX	Dietz 1 Coal	12/18/03	321	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSW 36-9S-40E SWSW 36-9S-40E	Visborg State 14D2-369 Visborg State 14D3-369		CBM CBM	CX CX	Dietz 2 Coal Dietz 3 Coal	12/19/03 12/20/03	498 574	0	0 0
Fidelity Exploration & Production Co.	SWSW 36-9S-40E	Visborg State 14M-3690		CBM	CX	Monarch Coal	12/20/03	707	0	0
Fidelity Exploration & Production Co.	SWNE 36-9S-40E	Visborg State 32C-3690		CBM	CX	Carney Coal	12/13/03	1060	0	0
Fidelity Exploration & Production Co.	SWNE 36-9S-40E	Visborg State 32D1-369		CBM	CX	Dietz 1 Coal	12/12/03	524	0	0
Fidelity Exploration & Production Co.	SWNE 36-9S-40E	Visborg State 32D2-369	21773	CBM	CX	Dietz 2 Coal	12/15/03	669	0	0
Fidelity Exploration & Production Co.	SWNE 36-9S-40E	Visborg State 32D3-369	21774	CBM	CX	Dietz 3 Coal	12/16/03	747	0	0
Fidelity Exploration & Production Co.	SWNE 36-9S-40E	Visborg State 32M-3690		CBM	CX	Monarch Coal	12/15/03	870	0	0
Fidelity Exploration & Production Co.		Visborg State 33D1-369		CBM		Dietz 1 Coal	12/16/03	407	0	0
Fidelity Exploration & Production Co.	NWSE 36-9S-40E NWSE 36-9S-40E	Visborg State 33D2-369		CBM	CX	Dietz 2 Coal	12/17/03	572	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSE 36-9S-40E	Visborg State 33D3-369 Visborg State 34C-3690		CBM CBM	CX	Dietz 3 Coal Carney Coal	12/14/03 12/15/03	643 923	0	0
Fidelity Exploration & Production Co.	SWSE 36-9S-40E	Visborg State 34M-3690		CBM	CX	Monarch Coal	12/17/03	759	0	0
Fidelity Exploration & Production Co.	SENW 34-9S-40E	Decker 22C-3490	21781	CBM	CX	Carney Coal	10/17/03	671	0	0
Fidelity Exploration & Production Co.	SENW 34-9S-40E	Decker 22M-3490	21785	CBM	CX	Monarch Coal	10/15/03	511	0	0
Fidelity Exploration & Production Co.	NESW 35-9S-40E	Seven Brothers 23D1-3	21786	CBM	CX	Dietz 1 Coal	10/21/03	303	0	0
Fidelity Exploration & Production Co.	NESW 35-9S-40E	Seven Brothers 23D2-3		CBM	CX	Dietz 2 Coal	10/22/03	437	0	0
Fidelity Exploration & Production Co.	NESW 35-9S-40E	Seven Brothers 23D3-3		CBM	CX	Dietz 3 Coal	10/21/03	496	0	0
Fidelity Exploration & Production Co.	NESW 35-9S-40E SWSE 35-9S-40E	Seven Brothers 23M-35		CBM CBM	CX	Monarch Coal	10/20/03	615	0	0 0
Fidelity Exploration & Production Co.  Fidelity Exploration & Production Co.	SWSE 35-9S-40E	Visborg 34C-3590 Visborg 34D1-3590	21790 21791	CBM	CX	Carney Coal Dietz 1 Coal	11/07/03 12/03/03	899 389	0	0
Fidelity Exploration & Production Co.	SWSE 35-9S-40E	Visborg 34D2-3590	21792	CBM	CX	Dietz 2 Coal	12/02/03	555	0	0
Fidelity Exploration & Production Co.	SWSE 35-9S-40E	Visborg 34D3-3590	21793	CBM	CX	Dietz 3 Coal	12/01/03	625	0	0
Fidelity Exploration & Production Co.	SWSE 35-9S-40E	Visborg 34M-3590	21794	CBM	CX	Monarch Coal	11/17/03	744	0	0
Fidelity Exploration & Production Co.	NWSE 28-9S-40E	Decker 33D2-2890	21795	CBM	CX	Dietz 2 Coal	09/26/03	298	0	0
Fidelity Exploration & Production Co.	SWSW 25-9S-40E	Visborg Federal 14C-25	21796	CBM	CX	Carney Coal	11/18/03	983	0	0
Fidelity Exploration & Production Co.	SWSW 25-9S-40E	Visborg Federal 14D1-2		CBM	CX	Dietz 1 Coal	11/19/03	514	0	0
Fidelity Exploration & Production Co.	SWSW 25-9S-40E	Visborg Federal 14D2-2		CBM	CX	Dietz 2 Coal	11/21/03	612	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSW 25-9S-40E SWSW 25-9S-40E	Visborg Federal 14D3-2 Visborg Federal 14M-25		CBM CBM	CX	Dietz 3 Coal Monarch Coal	11/24/03 11/19/03	697 821	0	0 0
Fidelity Exploration & Production Co.  Fidelity Exploration & Production Co.	NENW 25-9S-40E	Visborg Federal 21C-25		CBM	CX	Carney Coal	12/02/03	940	0	0
Fidelity Exploration & Production Co.	NENW 25-9S-40E	Visborg Federal 21D1-2		CBM	CX	Dietz 1 Coal	12/02/03	546	0	0
Fidelity Exploration & Production Co.	NENW 25-9S-40E	Visborg Federal 21D2-2		СВМ	CX	Dietz 2 Coal	12/05/03	596	0	0
Fidelity Exploration & Production Co.	NENW 25-9S-40E	Visborg Federal 21D3-2		СВМ	CX	Dietz 3 Coal	12/04/03	663	0	0
Fidelity Exploration & Production Co.	NENW 25-9S-40E	Visborg Federal 21M-25	21805	CBM	CX	Monarch Coal	12/03/03	796	0	0
Fidelity Exploration & Production Co.	SWNE 25-9S-40E	Visborg Federal 32C-25		CBM	CX	Carney Coal	11/18/03	952	0	0
Fidelity Exploration & Production Co.	SWNE 25-9S-40E	Visborg Federal 32D1-2	21807	CBM	CX	Dietz 1 Coal	12/03/03	506	0	0

										OTENTIAL
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	COMPLETION DATE	DEPTH	OIL B/D	GAS MCF/D
									0	
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWNE 25-9S-40E SWNE 25-9S-40E	Visborg Federal 32D2-2 Visborg Federal 32D3-2		CBM CBM	CX	Dietz 2 Coal Dietz 3 Coal	12/04/03 12/06/03	602 679	0	0 0
Fidelity Exploration & Production Co.	SWNE 25-9S-40E	Visborg Federal 32M-25		CBM	CX	Monarch Coal	11/26/03	817	0	0
Fidelity Exploration & Production Co.	NWSE 25-9S-40E	Visborg Federal 33C-25		CBM	CX	Carney Coal	12/04/03	940	0	0
Fidelity Exploration & Production Co.	NWSE 25-9S-40E	Visborg Federal 33D1-2		CBM	CX	Dietz 1 Coal	12/10/03	486	0	0
Fidelity Exploration & Production Co.	NWSE 25-9S-40E	Visborg Federal 33D2-2		CBM	CX	Dietz 2 Coal	12/10/03	603	0	0
Fidelity Exploration & Production Co.	NWSE 25-9S-40E	Visborg Federal 33D3-2	21814	CBM	CX	Dietz 3 Coal	12/10/03	680	0	0
Fidelity Exploration & Production Co.	NWSE 25-9S-40E	Visborg Federal 33M-25	21815	CBM	CX	Monarch Coal	12/08/03	826	0	0
Fidelity Exploration & Production Co.	SWSE 26-9S-40E	Visborg Federal 34C-26	21816	CBM	CX	Carney Coal	11/17/03	914	0	0
Fidelity Exploration & Production Co.	SWSE 26-9S-40E	Visborg Federal 34D1-2	21817	CBM	CX	Dietz 1 Coal	10/22/03	487	0	0
Fidelity Exploration & Production Co.	SWSE 26-9S-40E	Visborg Federal 34D2-2		CBM	CX	Dietz 2 Coal	10/21/03	582	0	0
Fidelity Exploration & Production Co.	SWSE 26-9S-40E	Visborg Federal 34D3-2		CBM	CX	Dietz 3 Coal	10/21/03	669	0	0
Fidelity Exploration & Production Co.	SWSE 26-9S-40E	Visborg Federal 34M-26		CBM	CX	Monarch Coal	10/20/03	793	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SENE 26-9S-40E SENE 26-9S-40E	Visborg Federal 42C-26 Visborg Federal 42D1-2		CBM CBM	CX	Carney Coal Dietz 1 Coal	11/24/03 11/21/03	942 513	0	0 0
Fidelity Exploration & Production Co.	SENE 26-9S-40E	Visborg Federal 42D1-2		CBM	CX	Dietz 2 Coal	11/26/03	600	0	0
Fidelity Exploration & Production Co.	SENE 26-9S-40E	Visborg Federal 42D3-2		CBM	CX	Dietz 3 Coal	11/25/03	667	0	0
Fidelity Exploration & Production Co.	SENE 26-9S-40E	Visborg Federal 42M-26		CBM	CX	Monarch Coal	11/25/03	793	0	0
Fidelity Exploration & Production Co.		Holmes Federal 12C-30		СВМ	CX	Carney Coal	11/26/03	964	0	0
Fidelity Exploration & Production Co.	SWNW 30-9S-41E	Holmes Federal 12D1-3	21827	CBM	CX	Dietz 1 Coal	12/05/03	471	0	0
Fidelity Exploration & Production Co.	SWNW 30-9S-41E	Holmes Federal 12D2-3	21828	CBM	CX	Dietz 2 Coal	12/04/03	600	0	0
Fidelity Exploration & Production Co.	SWNW 30-9S-41E	Holmes Federal 12D3-3	21829	CBM	CX	Dietz 3 Coal	12/03/03	691	0	0
Fidelity Exploration & Production Co.	SWNW 30-9S-41E	Holmes Federal 12M-30	21830	CBM	CX	Monarch Coal	12/02/03	843	0	0
Fidelity Exploration & Production Co.	NWSW 30-9S-41E	Holmes Federal 13C-30	21831	CBM	CX	Carney Coal	12/12/03	1036	0	0
Fidelity Exploration & Production Co.		Holmes Federal 13D1-3		CBM	CX	Dietz 1 Coal	12/11/03	530	0	0
Fidelity Exploration & Production Co.		Holmes Federal 13D2-3		CBM	CX	Dietz 2 Coal	12/08/03	666	0	0
Fidelity Exploration & Production Co.		Holmes Federal 13D3-3		CBM	CX	Dietz 3 Coal	12/11/03	764	0	0
Fidelity Exploration & Production Co.		Holmes Federal 13M-30 Consol 32C-299	21835	CBM	CX	Monarch Coal	12/10/03	894 767	0	0 0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWNE 2-9S-39E SWSW 11-9S-39E		21865	CBM CBM	CX	Carney Coal Monarch Coal	12/05/03 12/02/03	397	0	0
ridenty Exploration & Floudetion Co.	0W0W 11-30-33L	O011301 14W-1133	21000	ODIVI	O/A	Worldron Godi	12/02/03	551	O	O
005 Blaine										
Ocean Energy, Inc.	NENW 12-30N-17E	Blackwood 12-3	22863	GAS	Tiger Ridge	Eagle	07/15/03	1510	0	200
Macum Energy Inc.		Macum Federal 13-14	22893	DH	Leroy		10/22/03	1910	0	0
Macum Energy Inc.		Macum Federal 31-3	22897	GAS	Leroy	Eagle	10/27/03	1800	0	200
Macum Energy Inc.		Macum Federal 42-34	22900	DH	Leroy	EI-	10/31/03	1785	0	0
Devon Louisiana Corporation	NWNW 12-30N-17E		23041	GAS	Tiger Ridge	Eagle	02/05/03	1500	0	256
Montana Land & Exploration, Inc.  Ocean Energy, Inc.		Cherry Patch 12-20 Olson 23-9	23104 23230	GAS GAS	Wildcat Blaine Tiger Ridge	Eagle	06/01/03 02/19/03	2392 1550	0	6 500
Ocean Energy, Inc.	NWSE 24-31N-17E		23231	GAS	Tiger Ridge	Eagle Eagle	02/18/03	1650	0	100
Ocean Energy, Inc.	SENW 12-27N-18E		23233	GAS	Sawtooth Mountain	Eagle	09/11/03	2150	0	505
Klabzuba Oil & Gas, Inc.		Wilmes 25-34-17	23235	DH	Wildcat Blaine	_ag.o	01/01/03	1600	0	0
Ocean Energy, Inc.	NENW 2-26N-20E		23245	GAS	Sawtooth Mountain	Eagle	10/17/03	1480	0	1056
Ocean Energy, Inc.	SWNW 23-31N-18E	Paulsen 23-5	23246	DH	Tiger Ridge	•	03/12/03	1785	0	0
Ocean Energy, Inc.	SWNE 31-31N-18E	Dehlbom 31-7B	23247	GAS	Tiger Ridge	Eagle	03/10/03	1320	0	100
Brown, J. Burns Operating Company	NWSW 6-32N-19E	Wright 6-32-19B	23248	GAS	Wildcat Blaine	Eagle	03/30/03	1450	0	60
Ocean Energy, Inc.	SWSW 12-26N-18E	Jacobson 12-13	23249	DH	Wildcat Blaine		08/28/03	2302	0	0
Ocean Energy, Inc.	NENW 34-26N-19E		23250	GAS	Wildcat Blaine	Judith River	08/15/03	1920	0	350
Ocean Energy, Inc.	NWSW 18-26N-18E		23251	GAS	Wildcat Blaine	Eagle	08/21/03	2175	0	150
Ocean Energy, Inc.	NENE 24-26N-18E		23252	GAS	Wildcat Blaine	Eagle	08/05/03	2175	0	250
Ocean Energy, Inc.	NWSW 18-26N-19E		23253	GAS	Wildcat Blaine	Eagle	07/30/03	2250	0	250
Ocean Energy, Inc.	SWNE 33-28N-19E		23254	GAS	Sawtooth Mountain	Eagle	07/30/03	1914	0	221 350
Ocean Energy, Inc. Ocean Energy, Inc.	SWSE 15-25N-18E NENE 3-26N-17E	Weaver 3-1	23256 23257	GAS GAS	Wildcat Blaine Wildcat Blaine	Eagle	08/05/03 06/16/03	1830 2355	0	500
Ocean Energy, Inc.	NESE 10-26N-17E		23258	GAS	Wildcat Blaine Wildcat Blaine	Eagle Eagle	06/19/03	2115	0	520
Ocean Energy, Inc.	SWNW 11-26N-17E		23259	GAS	Wildcat Blaine	Eagle	06/24/03	2120	0	102
Ocean Energy, Inc.	NESE 11-26N-17E		23260	GAS	Wildcat Blaine	Eagle	07/05/03	2250	0	508
Ocean Energy, Inc.	NESE 33-26N-19E		23261	GAS	Wildcat Blaine	Eagle	08/22/03	2078	0	24
Ocean Energy, Inc.	SWSE 21-31N-19E	U.S. 21-15	23262	GAS	Wildcat Blaine	Eagle	07/26/03	1185	0	105
Ocean Energy, Inc.	SWNE 28-31N-19E	Gowen 28-7	23263	GAS	Tiger Ridge	Eagle	07/16/03	1210	0	402
Ocean Energy, Inc.	NWNE 27-26N-19E	U.S. 27-2	23265	DH	Wildcat Blaine		08/18/03	1978	0	0
Ocean Energy, Inc.	NESE 3-26N-17E	U.S. 3-9	23266	DH	Wildcat Blaine		06/29/03	2280	0	0
Montana Land & Exploration, Inc.	SESE 29-34N-22E	Cherry Patch 16-29	23267	GAS	Wildcat Blaine	Eagle	05/28/03	2006	0	218
Montana Land & Exploration, Inc.	SWSW 5-34N-21E		23268	GAS	Wildcat Blaine	Eagle	06/05/03	2206	0	68
Brown, J. Burns Operating Company		Starcher 30-32-19B	23269	GAS	Black Coulee	Eagle	06/07/03	1306	0	1500
Brown, J. Burns Operating Company	SWSW 19-33N-18E		23270	GAS	Wildcat Blaine	Eagle	06/13/03	1250	0	0
Klabzuba Oil & Gas, Inc.		Gasvoda-Federal 12-25		GAS	Wildcat Blaine	Eagle	11/12/03	2001	0	200
Ocean Energy, Inc. Ocean Energy, Inc.	NWSE 14-26N-19E NWSE 34-27N-20E		23273 23274	DH DH	Wildcat Blaine Sawtooth Mountain		08/13/03 10/18/03	2020 1590	0	0 0
Ocean Energy, Inc. Ocean Energy, Inc.	SESE 11-26N-18E		23274	GAS	Wildcat Blaine	Eagle	07/28/03	2350	0	0
Ocean Energy, Inc. Ocean Energy, Inc.	SWSW 34-27N-20E		23276	GAS	Sawtooth Mountain	Judith River	10/28/03	2350 1670	0	237
Klabzuba Oil & Gas, Inc.		Malsam 21-33-20B	23278	GAS	Wildcat Blaine	Eagle	12/16/03	1502	0	30
Ocean Energy, Inc.	SWNE 14-25N-18E		23280	GAS	Wildcat Blaine Wildcat Blaine	Eagle	08/26/03	1975	0	750
Ocean Energy, Inc.	SESE 14-25N-18E		23281	GAS	Wildcat Blaine	Eagle	08/21/03	1865	0	750

CACHON   WILL MANE   APP   FILE   MILE NO.   WILL MANE   APP   WILL MANE   WILL MANE   APP   WILL MA										INITIAL P	OTENTIAL
Beach and Jump	OPERATOR *	LOCATION	WELL NAME	ΔΡΙ	TVDE **	: FIFI D	INTER\/AI				GAS MCF/D
Bown						11220					18
Britann							•				0
Record Langer of Contragant   Service 16-34-146   State 16-34-146   2003   Chem   Ch					DH	Black Coulee				0	0
Decons   D	Brown, J. Burns Operating Company	SESE 13-34N-18E	Myers 13-34-18D	23292	GAS	Wildcat Blaine	Eagle	08/31/03	1500	0	10
Blown   Deman   General Company   Servi   2-A-Sh-17   Williams   2-A-Sh-17   2020   GAS   Survival Down   1-A-Sh-17   1-1-A-Sh-17   1-1-A-Sh	Brown, J. Burns Operating Company	SENW 16-34N-18E	State 16-34-18C	23293	DH	Wildcat Blaine		09/07/03	1550	0	0
Decon Lastrace Corporation   SWWW 12 2014-19   Elevision 20 5 2014   Call Swatched   Call Seel   Call Swatched	Devon Louisiana Corporation	NWNE 31-31N-18E	Paulsen 31-2	23294		Tiger Ridge	Eagle	11/10/03	1785	0	497
Michassa (ol. A Gas., Inc.   SWNE 1220/M 1220   Carp.   Carp							-				0
Resource of Birds   Inc.   SERV 25-981-16   Puriley 25-5-98(0)   2325   O.M.   Wides Blaine   Baye   107-037   100   O.M.   Charles	•						-				0
Manushan C.   San Ne.							-				40
Machabace 0 16 Gam, Inc.   Month 2 5 Mar 8 Ramin 3-0-1-9 2300   GA   Windows Blaine   Eagle   10,200   109   0   0   0   0   0   0   0   0   0			• , ,								0
Michael of Al Gas. Inc.   New Work 25-84-NEE State Soule 2007   Delta State Inc.   New Set 7-284-198   Ease Flashed of Al Gas. Corporation   NeESE 11-31N-198   S.F. Vogt 2   2006   GAS   Bowese   Eage   10/10/00   72   0   0   0   0   0   0   0   0   0							-				20 200
Meanuran   Manuran   Man							Lagie				0
Clastern Old & Gas Componation   NESS E 13 N1-968   S. F. Vogt 2   23306   GAS   Bowes   Engis   10 10 10 10 70 10   Claster Old & Gas Componation   SWNW 25-2274-15   Eleviens 2   2306   GAS   Bowes   Engis   10 11 10 10 70 10   Claster Old & Gas Componation   SWNW 25-2274-15   Eleviens 2   2306   GAS   Bowes   Engis   10 11 10 10 70 10   Claster Old & Gas Componation   SWNW 25-2274-15   Eleviens 2   2306   GAS   Bowes   Engis   10 11 10 10 70 10   Claster   Claster Old & Gas Componation   SESW 26-228-15   Eleviens 2   2306   GAS   Bowes   Engis   10 11 10 10 70 10   Claster											0
Claston Cill & Gar Componation   NSS E Gal No. VIET   Berlin No. VIET   Claston Cill & Gar Componation   SWINE 1274-1168   Read 1-74   23006   AS Blowes   Eagle   127003   2250   0   0							Eagle				1095
Clastern Ols A Gas Componation   SWNW 12-37-146   Beaut 1-7A   23300   GAS   Sewborth Murralian   Eagle   12/1003   225   0	•		•				-				522
Devent Lise information   SWINE 1-27-1-168   Read 1-7 A   2300   GAS   Switch Coules   Egige   12/1003   2250   0   0   0   0   0   0   0   0   0	•						-			0	121
Out	Devon Louisiana Corporation	SWNE 1-27N-18E	Read 1-7A	23308	GAS	Sawtooth Mountain	-	12/10/03	2250	0	342
Howeline Perforsions Corp.   SESW 35-98-23E   Footler 202   2178   OL   Elk Basin   Frontier   Fr	Brown, J. Burns Operating Company	SESW 20-32N-19E	Bowers 20-32-19G	23311	GAS	Black Coulee	Eagle	12/08/03	1350	0	50
Other   Carter   True Of LLC   NEW 94-9-87E   Campen Federal 1-128   21355   GAS   Wildcat Carter   Shannon   100903   2846   0   True Of LLC   NEW 94-9-87E   Bibler Federal 2-198   21356   GAS   Wildcat Carter   Shannon   082-003   2937   0   OTHER 1-14-9-1555   Compen Federal 1-198   21356   GAS   Wildcat Carter   Shannon   100703   2846   0   OTHER 1-14-9-1555   Compen Federal 1-198   21356   GAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   Compen Federal 1-198   21356   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   100703   2851   0   OTHER 1-14-9-1555   CAS   CAS   Wildcat Carter   Shannon   2851   0   OTHER 1-14-9-1555   CAS   Wildcat Ca	009 Carbon										
Trace Of LLC   NENE 22-85-7E   Campen Federal 41-28   21353   GAS   Milicat Carter   Shannon   1098013   2846   0   Trace Of LLC   NENDW 94-55-7E   Bibler Federal 12-18   21356   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 94-55-7E   Bibler States 41-13   21358   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 94-55-7E   Bibler State 41-13   21358   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 91-55-7E   Bibler State 41-13   21358   GAS   Milicate Carter   020013   699   0   Trace Of LLC   NENDW 91-55-7E   CARTER 14-18   21358   CARTER 14-18   CARTER		SESW 35-9S-23E	Frontier 202	21278	OIL	Elk Basin	Frontier	07/01/03	1299	30	33
Trace Of LLC   NENE 22-85-7E   Campen Federal 41-28   21353   GAS   Milicat Carter   Shannon   1098013   2846   0   Trace Of LLC   NENDW 94-55-7E   Bibler Federal 12-18   21356   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 94-55-7E   Bibler States 41-13   21358   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 94-55-7E   Bibler State 41-13   21358   GAS   Milicat Carter   020013   699   0   Trace Of LLC   NENDW 91-55-7E   Bibler State 41-13   21358   GAS   Milicate Carter   020013   699   0   Trace Of LLC   NENDW 91-55-7E   CARTER 14-18   21358   CARTER 14-18   CARTER	011 Carter										
Trace OIL C   NEW 8-45-576   Bibber Federal 21-8   21-385   GAS   Willocat Carter   Shannon   08/28030   599   0		NENE 26-2S-57E	Campen Federal 41-26	21353	GAS	Wildcat Carter	Shannon	10/09/03	2846	0	62
Thurdor Hill Epripation   LC   NNMW 7-55-565   Bibble State 41-13   21363   GA   Mickael Carter   Shannon   101003   251   o			·								50
Ocean Energy, Inc.   NVINE 21-27N-17E Henderson 21-2   21716   GAS Bullwacker   Eagle   07/18/03   2551   0   Ocean Energy, Inc.   SWINE 28-27N-16E Weaver 28-7   21746   GAS Bullwacker   Eagle   09/15/03   2155   0   Ocean Energy, Inc.   SWINE 28-27N-16E Weaver 28-7   21746   GAS Bullwacker   Eagle   09/15/03   2155   0   Ocean Energy, Inc.   SWINE 28-27N-16E Weaver 28-17   21755   GAS Bullwacker   Eagle   05/26/03   2125   0   Ocean Energy, Inc.   NWW 27-27N-16E IX 274-215   21754   GAS Bullwacker   Eagle   05/26/03   2125   0   Ocean Energy, Inc.   NWW 27-27N-16E IX 274-27N-16E IX	Thunder Hill Exploration, LLC	NWNW 7-5S-55E	Ottinger 1-7		DH	Wildcat Carter			5999	0	0
Coasin Energy, Inc.   NNME 2+27N-17E   Honderson 2+2   21716   GAS   Bullwacker   Eagle   071803   2551   0   0   0   0   0   0   0   0   0	· · · · · · · · · · · · · · · · · · ·		•		GAS	Wildcat Carter	Shannon		2551	0	28
Coasin Energy, Inc.   NNME 2+27N-17E   Honderson 2+2   21716   GAS   Bullwacker   Eagle   071803   2551   0   0   0   0   0   0   0   0   0	015 Chouteau										
Deam Energy, Inc.		NIM/NE 24 27N 47E	Hondorson 21.2	21716	CAS	Bullwooker	Eagle	07/19/02	2551	0	250
Depart Departy   Inc.							-				350
Ocean Energy, Inc.   SWSE 22-27N-15E IX Ranch 22-15   2176   GAS   Bullwacker   Eagle   06/02/03   215   0   0   0   0   0   0   0   0   0							-				396 350
Cean Energy, Inc.   NEWN 92-27N-15E   X 27-4   21755   GAS   Bullwacker   Eagle   60/02/03   2005   0   0   0   0   0   0   0   0   0							-				250
Cease   Energy   Inc.   NESW 9-28N-16E   Weaver Cattle 9-1   21762   GAS   Wildcat Chouteau   Eagle   050303   2015   0   Cease   Energy   Inc.   NEW 9-28N-16E   Weaver Cattle 9-7   2176   GAS   Wildcat Chouteau   Eagle   050303   2010   0   Cease   Energy   Inc.   NEW 9-28N-16E   Faber 31-3   21765   GAS   Wildcat Chouteau   Eagle   050303   2010   0   Cease   Energy   Inc.   NEW 91-27N-16E   Faber 31-3   21765   GAS   Wildcat Chouteau   Bow Island   0502303   1003   0   Cease							-				250
Cease Energy, Inc.   SWNE 9-28N-16E   Weaver Cattle 9-7   21764   GAS   Wildcart Chouteau   Eagle   0.4/29/03   2100   0   0   0   0   0   0   0   0   0							-				166
Depart   D							•				391
Mountain Pacific General Inc.   SESW 17-27N-3E   Mourtain Pacific General Inc.   NWNE 29-27N-3E   Mountain Pacific General Inc.   NWNE 29-27N-3E   Modea 3-5   21769   GAS   Wildcat Chouteau   Bow Island   05/21/03   1073   070							Lagio				0
Mountain Pacific General Inc.   NWNE 20-27N-3E   Woods 29-2   21767   GAS   Wildcat Chouteau   Bow Island   0521/03   1079   0   10   1177   0   0   0   1177   0   0   0   0   0   0   0   0   0							Bow Island				36
Mountain Pacific General Inc.   SZNW 3-26N-3E   McLean 3-5   21769   GAS   Willocat Chouteau   Bow Island   08/19/03   1177   0   Cocan Energy, Inc.   NWE 2-12/8N-16E   Febr 25-15   21772   DH   Willocat Chouteau   Eagle, Telegraph Creek   09/10/03   2000   0   Cocan Energy, Inc.   NESE 2-427N-16E   Henderson 24-9   21774   DH   Bullwacker   09/29/03   2360   0   Cocan Energy, Inc.   NESE 2-127N-16E   Henderson 24-9   21775   DH   Bullwacker   09/29/03   2400   0   Cocan Energy, Inc.   NESW 1-26N-16E   Federal 15-26-16F   21776   GAS   Willocat Chouteau   Eagle   11/13/03   1850   0   Cocan Energy, Inc.   NESW 1-26N-16E   Federal 15-26-16F   21776   GAS   Willocat Chouteau   Eagle   11/13/03   2400   2400   Cocan Energy, Inc.   NESW 1-26N-16E   Federal 15-26-16F   21776   GAS   Willocat Chouteau   Eagle   11/13/03   2303   2124   0   Cocan Energy, Inc.   NESW 1-26N-16E   Federal 15-26-16F   21776   GAS   Willocat Chouteau   Eagle   11/13/03   2303   2124   0   Cocan Energy, Inc.   NEW 1-26N-16E   Hokanson 1-26-16B   21778   GAS   Bullwacker   Eagle   12/03/03   2124   0   Cocan Energy, Inc.   NEW 2-26N-16E   Fed-54-15/14   Earne 21-26   21780   DH   Willocat Chouteau   Eagle   12/03/03   2124   0   Cocan Energy, Inc.   NEW 2-26N-16E   Fed-54-15/14   Earne 21-26   21780   DH   Willocat Chouteau   Eagle   12/03/03   2323   DE   NEW 2-27N-16E   NEW 2-27N-16E   New 2-27N-16E   New 2-28N-16E   Henderson 24-9X   21784   DH   Bullwacker   Eagle   12/03/03   2303   DE   NEW 2-13/03   DE   NEW 2-13/03   2303   DE   NEW 2-13/03   2303   DE   NEW 2-13/03   2303   DE   NEW 2-13/03   DE   NEW											44
Klabzubo Oii & Gas, Inc.   NENE 21-26N-16E   Fed. Weaver Cattle 21- 21773   DH   Wildcat Chouteau   11/08/03   1906   0   Ocean Energy, Inc.   NESS 24-27N-16E   Henderson 24-9   21774   DH   Bullwacker   09/16/03   2360   0   Ocean Energy, Inc.   NESWI 52-26N-16E   Henderson 24-9   21775   DH   Bullwacker   09/16/03   2360   0   Ocean Energy, Inc.   NESWI 52-26N-16E   Weaver 21-7   21775   DH   Bullwacker   Eagle   11/13/03   1850   0   Ocean Energy   NEW 21-27N-16E   Keare 21-7   21776   GAS   Wildcat Chouteau   Eagle   11/13/03   2335   0   Ocean Energy   NEW 21-27N-16E   Hokanson 1-26-16B   217776   GAS   Bullwacker   Eagle   12/03/03   2124   0   Ocean Energy   NEW 21-28N-16E   Kane 21-14   21779   GAS   Bullwacker   Eagle   12/09/03   2258   0   Ocean Energy   NEW 22-26N-16E   FedStIX Ranch 22-26   21780   DH   Wildcat Chouteau   Eagle   12/09/03   2258   0   Ocean Energy   NEW 22-26N-16E   FedStIX Ranch 22-26   21780   DH   Wildcat Chouteau   Eagle   12/09/03   2258   0   Ocean Energy   NEW 22-26N-16E   FedStIX Ranch 22-26   21780   DH   Wildcat Chouteau   Eagle   12/09/03   2258   0   Ocean Energy   NESE 24-27N-16E   Henderson 24-9X   21785   DH   Wildcat Chouteau   Eagle   12/09/03   2332   Ocean Energy   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   12/09/03   2332   Ocean Energy   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   12/09/03   2332   Ocean Energy   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   12/09/03   2332   Ocean Energy   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   12/09/03   2332   Ocean Energy   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Chouteau   Eagle   NESE 24-27N-16E   Dos Equis 24-9X   21785   DH   Wildcat Ch										0	183
Ocean Energy, Inc.   NESE 24-27N-16E   Henderson 24-9   21777   DH   Bullwacker   09/29/03   2360   0   Operon Louisiana Corporation   SWNE 21-27N-16E   Weaver 21-7   21776   GAS   Wildcat Chouteau   Eagle   11/13/03   1860   0   Operon Louisiana Corporation   NWNE 33-27N-17E   U.S. 33-2   21777   GAS   Bullwacker   Eagle   11/21/03   2335   0   Operon Louisiana Corporation   NWNE 33-27N-17E   U.S. 33-2   21777   GAS   Bullwacker   Eagle   11/21/03   2335   0   Operon Louisiana Corporation   SEW 21-27N-16E   Kane 21-14   21779   GAS   Bullwacker   Eagle   12/09/03   2258   0   Operon Louisiana Corporation   SEW 21-27N-16E   Kane 21-14   21779   GAS   Bullwacker   Eagle   12/09/03   2258   0   Operon Louisiana Corporation   SEW 21-27N-16E   Kane 21-14   21779   GAS   Bullwacker   Eagle   12/09/03   2258   0   Operon Louisiana Corporation   NESE 24-27N-16E   Henderson 24-9X   21786   DH   Wildcat Chouteau   Eagle   12/09/03   2258   0   Operon Louisiana Corporation   NESE 24-27N-16E   Henderson 24-9X   21786   DH   Bullwacker   Eagle   12/09/03   2332   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21786   DH   Bullwacker   12/09/03   2332   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21786   DH   Bullwacker   12/09/03   2350   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21786   DH   Bullwacker   12/09/03   2350   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21786   DH   Bullwacker   12/09/03   2350   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21786   DH   Bullwacker   12/09/03   2350   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21186   DH   Wildcat Chouteau   11/05/03   2001   Operon Louisiana Corporation   NESE 24-27N-16E   Des Equis 24-9XX   21186   DH   Wildcat Chouteau   Des Equis 24-27X   Des Equi	Ocean Energy, Inc.	SWSE 25-27N-15E	Faber 25-15	21772	GAS	Bullwacker	Eagle, Telegraph Creek	09/01/03	2000	0	450
Devon Louisiana Corporation   SWNE 21-27N-16E   Weaver 21-7   21775   DH   Bullwacker   Eagle   11/13/03   180   0   Ntabzuba Oil & Gas, Inc.   NESW 17-52N-16E   Federial 15-26-16F   21776   GAS   Wildcat Chouteau   Eagle   11/13/03   180   0   0   0   0   0   0   0   0   0	Klabzuba Oil & Gas, Inc.	NENE 21-26N-16E	Fed. Weaver Cattle 21-	21773	DH	Wildcat Chouteau		11/08/03	1906	0	0
Klabzuba Oil & Gas, Inc.   NESW 15-26N-16E   Federal 15-26-16F   21776   GAS   Wildcat Chouteau   Eagle   11/13/03   1850   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2335   0   11/13/03   2124   0   0   0   0   0   0   0   0   0	Ocean Energy, Inc.	NESE 24-27N-16E	Henderson 24-9	21774	DH	Bullwacker		09/29/03	2360	0	0
Devon Louisiana Corporation   NWNE 33-27N-17E   U.S. 33-2   21777   GAS   Bullwacker   Eagle   11/21/03   2335   0   NIBADVIA Oil & Gas, Inc.   NENW 1-26N-16E   Hokanson 1-26-16B   21778   GAS   Bullwacker   Eagle   12/03/03   2124   0   2   2   2   2   2   2   2   2   2	Devon Louisiana Corporation	SWNE 21-27N-16E	Weaver 21-7	21775	DH	Bullwacker		09/16/03	2400	0	0
Klabzuba Oil & Gas, Inc.   NENW 1-26N-16E   Hokanson 1-26-16B   21778   GAS   Wildcat Chouteau   Eagle   12/03/03   2124   0   12/09/03   2258   0   12/09/03   2332   0   12/09/03   2332   0   12/09/03   2332   0   12/09/03   2332   0   12/09/03   2350   0   12/	Klabzuba Oil & Gas, Inc.	NESW 15-26N-16E	Federal 15-26-16F	21776	GAS	Wildcat Chouteau	Eagle	11/13/03	1850	0	150
Devon Louisiana Corporation   SESW 21-27N-16E   Kane 21-14   21779   GAS   Bullwacker   Eagle   12/09/03   2258   0   1/05/03   1007   1/05/03   1007   0   1/05/03   1007   1/05/03   1007   1/05/03   1/05	Devon Louisiana Corporation	NWNE 33-27N-17E	U.S. 33-2	21777	GAS	Bullwacker	Eagle	11/21/03	2335	0	0
Klabzuba Oil & Gas, Inc.   NWNW 22-26N-16E   FedStIX Ranch 22-26   21780   DH   Wildcat Chouteau   11/05/03   1907   0   0   0   0   0   0   0   0   0		NENW 1-26N-16E	Hokanson 1-26-16B	21778	GAS	Wildcat Chouteau	Eagle	12/03/03	2124	0	500
Devon Louisiana Corporation   NESE 24-27N-16E   Henderson 24-9X   21784   DH   Bullwacker   10/08/03   2332   0   Devon Louisiana Corporation   NESE 24-27N-16E   Dos Equis 24-9XX   21785   DH   Bullwacker   12/13/03   2350   0   Devon Louisiana Corporation   NESE 24-27N-16E   Dos Equis 24-9XX   21785   DH   Bullwacker   12/13/03   2350   0   Devon Louisiana Corporation   NESE 24-27N-16E   Dos Equis 24-9XX   21785   DH   Bullwacker   12/13/03   2350   0   Devon Louisiana Corporation   NESE 24-27N-16E   Brown 23-17   21176   GAS   Wildcat Custer   12/04/03   2620   0   Devon Louisiana Corporation   NESE 24-9XN-45E   Brown 23-17   21176   GAS   Wildcat Custer   12/04/03   2620   0   Devon Louisiana Corporation   NESE 23-14N-45E   Brown 23-17   21178   DH   Wildcat Daniels   DH   Dakota	•				GAS	Bullwacker	Eagle	12/09/03	2258		456
Description	•										0
Custer Fidelity Exploration & Production Co. NESW 17-1N-54E Brown 23-17 21176 GAS Wildcat Custer 12/04/03 2620 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	•										0
Fidelity Exploration & Production Co. NESW 17-1N-54E Brown 23-17 21176 GAS Wildcat Custer 12/04/03 2620 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Devon Louisiana Corporation	NESE 24-27N-16E	Dos Equis 24-9XX	21785	DH	Bullwacker		12/13/03	2350	0	0
O19 Daniels  Armstrong Operating, Inc. NWNE 23-34N-45E State 23-1 21138 DH Wildcat Daniels  O21 Dawson  Cortez Operating Company SENW 2-13N-55E Gas City Unit 22-2A 5025 SWD Gas City Dakota 02/12/03 9048 0  Cortez Operating Company NWNW 34-14N-55E Gas City A 11-34 5039 SWD Gas City Dakota 06/09/03 8720 0  Cortez Operating Company NWNE 22-14N-55E Cortez 31X-22 21158 OIL Gas City Red River 08/27/03 13447 62  O25 Fallon  Encore Operating LP NESE 20-10N-58E Unit 43X-20 21052 OIL Cabin Creek Siluro-Ordovician 06/20/03 9224 37  Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19  Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0  Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1955 0 15  Fidelity Exploration & Production Co. NWSE 14-5N-60E Fee 2155 22104 GAS Cedar Creek Eagle 08/15/03 2000 0 15  Fidelity Exploration & Production Co. NWSE 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 0 15  Fidelity Exploration & Production Co. SWNE 23-9N-58E BR BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 0 15	017 Custer										
Armstrong Operating, Inc.  NWNE 23-34N-45E  State 23-1  21138  DH  Wildcat Daniels  03/13/03  7032  0  021  Dawson  Cortez Operating Company  SENW 2-13N-55E  Gas City Unit 22-2A  5025  SWD  Gas City  Dakota  02/12/03  9048  0  Cortez Operating Company  NWNW 34-14N-55E  Gas City A 11-34  5039  SWD  Gas City  Dakota  06/09/03  8720  0  Cortez Operating Company  NWNE 22-14N-55E  Cortez 31X-22  21158  OIL  Gas City  Red River  08/27/03  13447  62  025  Fallon  Encore Operating LP  SWNW 28-10N-58E  SWNW 28-10N-58E  Cabin Creek 12X-28  21054  OIL  Cabin Creek  Siluro-Ordovician  06/20/03  9224  37  Gunderson Farms, Inc.  NESE 24-7N-59E  Gunderson Farms 43-24 21586  GAS  Cedar Creek  Eagle  08/13/03  1895  0  1864  Fidelity Exploration & Production Co.  NWSW 31-9N-59E  BR 2246  22064  GAS  Cedar Creek  Eagle  08/13/03  2000  0  1875  1	Fidelity Exploration & Production Co.	NESW 17-1N-54E	Brown 23-17	21176	GAS	Wildcat Custer		12/04/03	2620	0	400
O21 Dawson  Cortez Operating Company SENW 2-13N-55E Gas City Unit 22-2A 5025 SWD Gas City Dakota 02/12/03 9048 0 Cortez Operating Company NWNW 34-14N-55E Gas City A 11-34 5039 SWD Gas City Dakota 06/09/03 8720 0 Cortez Operating Company NWNE 22-14N-55E Cortez 31X-22 21158 OIL Gas City Red River 08/27/03 13447 62  025 Fallon  Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/20/03 9224 37 Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19 Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0 Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 11 Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 15 Fidelity Exploration & Production Co.	019 Daniels										
Cortez Operating Company  SENW 2-13N-55E Gas City Unit 22-2A 5025 SWD Gas City Dakota 06/09/03 8720 0 Cortez Operating Company NWNW 34-14N-55E Cortez 31X-22 21158 OIL Gas City Red River 08/27/03 13447 62  025 Fallon  Encore Operating LP SWNW 28-10N-58E SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician Siluro-Ordovician Siluro-Ordovician O6/20/03 9224 37 Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician O6/20/03 9246 19 Conderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0 Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1775 0 16 Fidelity Exploration & Production Co. NESW 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 18 Fidelity Exploration & Production Co.	Armstrong Operating, Inc.	NWNE 23-34N-45E	State 23-1	21138	DH	Wildcat Daniels		03/13/03	7032	0	0
Cortez Operating Company NWNW 34-14N-55E Gas City A 11-34 5039 SWD Gas City Operating Company NWNE 22-14N-55E Cortez 31X-22 21158 OlL Gas City Red River 08/27/03 13447 62  025 Fallon  Encore Operating LP NESE 20-10N-58E Unit 43X-20 21052 OlL Cabin Creek Siluro-Ordovician 06/20/03 9224 37  Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OlL Cabin Creek Siluro-Ordovician 06/10/03 9246 19  Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 1.  Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 1.  Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 1.	021 Dawson										
Cortez Operating Company NWNW 34-14N-55E Gas City A 11-34 5039 SWD Gas City Red River 08/27/03 8720 0 Octrez Operating Company NWNE 22-14N-55E Cortez 31X-22 21158 0IL Gas City Red River 08/27/03 13447 62 OCTREZ OPERATING COMPANY NWNE 22-14N-55E CORTEZ 31X-22 21158 0IL Gas City Red River 08/27/03 13447 62 OCTREZ OPERATING CORPORATION CORPORA	Cortez Operating Company	SENW 2-13N-55E	Gas City Unit 22-2A	5025	SWD	Gas City	Dakota	02/12/03	9048	0	0
025 Fallon  Encore Operating LP NESE 20-10N-58E Unit 43X-20 21052 OIL Cabin Creek Siluro-Ordovician 06/20/03 9224 37  Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19  Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0  Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 1.  Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 1.  Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 1.	Cortez Operating Company	NWNW 34-14N-55E	Gas City A 11-34	5039	SWD	Gas City	Dakota	06/09/03	8720	0	0
Encore Operating LP NESE 20-10N-58E Unit 43X-20 21052 OIL Cabin Creek Siluro-Ordovician 06/20/03 924 37 Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19 Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0 Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 16 Fidelity Exploration & Production Co. NWSW 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 17 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 20/15/04 CPC 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04	Cortez Operating Company	NWNE 22-14N-55E	Cortez 31X-22	21158	OIL	Gas City	Red River	08/27/03	13447	62	4
Encore Operating LP NESE 20-10N-58E Unit 43X-20 21052 OIL Cabin Creek Siluro-Ordovician 06/20/03 924 37 Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19 Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0 Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 16 Fidelity Exploration & Production Co. NWSW 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 17 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 18 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0 0 19 Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 20/15/04 CPC 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04 20/15/04	025 Fallon										
Encore Operating LP SWNW 28-10N-58E Cabin Creek 12X-28 21054 OIL Cabin Creek Siluro-Ordovician 06/10/03 9246 19  Gunderson Farms, Inc. NESE 24-7N-59E Gunderson Farms 43-24 21586 GAS Cedar Creek Eagle 04/22/03 1830 0  Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 16  Fidelity Exploration & Production Co. NWSE 14-5N-60E Fee 2155 22104 GAS Cedar Creek Eagle 07/02/03 1775 0 17  Fidelity Exploration & Production Co. NESW 23-9N-58E BR 2231 22111 GAS Cedar Creek Eagle 08/15/03 2000 0 17  Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 2212 GAS Cedar Creek Eagle 08/15/03 2000 0 17		NESE 20-10N-58E	Unit 43X-20	21052	OII	Cabin Creek	Siluro-Ordovician	08/20/03	9224	37	23
Gunderson Farms, Inc.  NESE 24-7N-59E  BR 2246  22064  GAS  Cedar Creek  Eagle  04/22/03  1830  0  Fidelity Exploration & Production Co.  NWSW 31-9N-59E  BR 2246  22064  GAS  Cedar Creek  Eagle  08/13/03  1895  0  16  Fidelity Exploration & Production Co.  NWSE 14-5N-60E  Fie 2155  22104  GAS  Cedar Creek  Eagle  07/02/03  1775  0  176  Fidelity Exploration & Production Co.  NESW 23-9N-58E  BR 2231  22111  GAS  Cedar Creek  Eagle  08/15/03  2000  0  1775  18											3
Fidelity Exploration & Production Co. NWSW 31-9N-59E BR 2246 22064 GAS Cedar Creek Eagle 08/13/03 1895 0 19 19 19 19 19 19 19 19 19 19 19 19 19											107
Fidelity Exploration & Production Co. NWSE 14-5N-60E Fee 2155 22104 GAS Cedar Creek Eagle 07/02/03 1775 0 17 176 176 176 176 177 177 177 177 177							-				1425
Fidelity Exploration & Production Co.							-				1040
Fidelity Exploration & Production Co. SWNE 23-9N-58E BR 2232 22112 GAS Cedar Creek Eagle 08/15/03 2000 0							•				1025
· ·							-				420
Ended departing Ended of the transfer of the territory of	Encore Operating LP			22134	OIL	Pennel	Siluro-Ordovician	06/19/03	13227	11	7
											153

							COMPLETION		INITIAL P	OTENTIA GAS
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	DATE	DEPTH	B/D	MCF/D
Encore Operating LP	SWSW 33-8N-60E	Unit 14X-33CH	22136	OIL	Pennel	Siluro-Ordovician	01/20/03	13905	4	0
, ,	SENE 11-5N-60E	BR 2293	22137	GAS	Cedar Creek	Eagle	08/28/03	1735	0	540
, ,	NENW 24-5N-60E	Fee 2296	22138	GAS	Cedar Creek	Eagle	06/30/03	1855	0	550
	NWSW 24-5N-60E		22139	GAS	Cedar Creek	Eagle	06/14/03	1775	0	730
	NWSW 25-5N-60E SESE 7-5N-61E	Fee 2300 Fee 2303	22140 22141	GAS GAS	Cedar Creek Cedar Creek	Eagle	06/14/03 08/24/03	1935 1815	0	730 980
	SWSW 17-5N-61E		22141	GAS	Cedar Creek	Eagle Eagle	08/23/03	1855	0	1050
	SESE 17-5N-61E	BR 2315	22144	GAS	Cedar Creek	Eagle	08/20/03	1775	0	740
	NWNW 19-5N-61E		22145	GAS	Cedar Creek	Eagle	06/16/03	1735	0	760
	SENE 19-5N-61E	BR 2308	22146	GAS	Cedar Creek	Eagle	08/23/03	1885	0	0
	NESW 20-5N-61E	Fee 2311	22147	GAS	Cedar Creek	Eagle	08/21/03	2000	0	940
Fidelity Exploration & Production Co.	NESE 21-5N-61E	BR 2316	22148	GAS	Cedar Creek	Eagle	08/22/03	1780	0	860
Fidelity Exploration & Production Co.	SWSW 21-5N-61E	BR 2318	22149	GAS	Cedar Creek	Eagle	08/20/03	1850	0	0
Fidelity Exploration & Production Co.	NENW 29-5N-61E	BR 2312	22150	GAS	Cedar Creek	Eagle	08/21/03	1775	0	880
	NWNW 29-5N-61E		22151	GAS	Cedar Creek	Eagle	08/22/03	1895	0	780
	SENE 19-4N-62E	BR 2286	22152	GAS	Cedar Creek	Eagle	06/13/03	1775	0	0
	SESE 19-4N-62E	BR 2287	22153	GAS	Cedar Creek	Eagle	06/13/03	1815	0	610
	NWNE 25-5N-60E	BR 2298	22154	GAS	Cedar Creek	Eagle	06/15/03	1775	0	770
, ,	NWNW 25-5N-60E		22155	GAS	Cedar Creek	Eagle	06/15/03	1855	0	860
	NWSW 17-5N-61E		22158	GAS	Cedar Creek	Eagle	08/23/03	1775	0	1050
, ,	SWNE 18-5N-61E	Fee 2307	22159	GAS	Cedar Creek	Eagle	08/27/03	1855	0	0
	NENW 30-5N-61E NWNW 30-5N-61E	Fee 2309	22160	GAS GAS	Cedar Creek Cedar Creek	Eagle	06/03/03	1775	0	550 560
, ,	SWNE 8-7N-60E		22161	OIL	Pennel	Eagle Silvro Ordovision	05/15/03	1735 13810	102	29
Encore Operating LP Encore Operating LP	SWSE 8-7N-60E	Unit 32X-08BH Unit 34X-08BH	22163 22164	OIL	Pennel	Siluro-Ordovician Siluro-Ordovician	02/24/03 03/12/03	12692	6	29
	NESE 17-7N-60E	Unit 43X-17BH	22165	OIL	Pennel	Siluro-Ordovician	05/25/03	13652	32	28
	NESE 21-7N-60E	Unit 43X-21BH-N	22166	OIL	Pennel	Siluro-Ordovician	09/05/03	14845	140	36
	SWSW 22-7N-60E	Unit 14-22BH-S	22167	OIL	Pennel	Siluro-Ordovician	07/22/03	14942	103	21
	NESW 2-4N-61E	Federal 2283	22168	GAS	Cedar Creek	Eagle	06/14/03	1895	0	460
• •	NESE 24-4N-61E	Federal 2284	22169	GAS	Cedar Creek	Eagle	06/14/03	1775	0	800
	SENW 12-5N-60E	Federal 2288	22171	GAS	Cedar Creek	Eagle	08/28/03	1815	0	0
Fidelity Exploration & Production Co.	SESE 12-5N-60E	Federal 2289	22172	GAS	Cedar Creek	Eagle	08/27/03	1895	0	0
	NENE 12-5N-60E	Federal 2290	22173	GAS	Cedar Creek	Eagle	08/27/03	1775	0	660
Fidelity Exploration & Production Co.	NWNW 12-5N-60E	Federal 2291	22174	GAS	Cedar Creek	Eagle	08/28/03	1895	0	0
Fidelity Exploration & Production Co.	NESE 12-5N-60E	Federal 2301	22175	GAS	Cedar Creek	Eagle	08/28/03	1775	0	530
Fidelity Exploration & Production Co.	SENE 14-5N-60E	Federal 2295	22176	GAS	Cedar Creek	Eagle	08/28/03	1775	0	680
Fidelity Exploration & Production Co.	NWNE 20-5N-61E	Federal 2314	22177	GAS	Cedar Creek	Eagle	08/22/03	1861	0	900
Fidelity Exploration & Production Co.	NWSW 15-8N-59E	Federal 2328	22182	GAS	Cedar Creek	Eagle	07/14/03	1895	0	1040
Fidelity Exploration & Production Co.	NWSE 23-8N-59E	Federal 2329	22183	GAS	Cedar Creek	Eagle	07/14/03	1975	0	1220
	SWSE 23-8N-59E	Federal 2330	22184	GAS	Cedar Creek	Eagle	07/13/03	1975	0	740
, ,	SENW 24-8N-59E	Federal 2331	22185	GAS	Cedar Creek	Eagle	07/12/03	1975	0	1080
•	SWSE 24-8N-59E	Federal 2332	22186	GAS	Cedar Creek	Eagle	07/12/03	1935	0	1050
, ,	NESW 25-8N-59E	Federal 2333	22187	GAS	Cedar Creek	Eagle	07/12/03	1935	0	1450
	SWNE 26-8N-59E	Federal 2334	22188	GAS	Cedar Creek	Eagle	07/13/03	1975	0	1380
	NENE 35-8N-59E	Federal 2335	22189	GAS	Cedar Creek	Eagle	07/12/03	1935	0	780
, ·	NENW 30-8N-60E		22190	GAS OIL	Cedar Creek	Eagle Silvro Ordovision	07/12/03	1980	U	1090
	NENE 17-7N-60E SWNE 1-7N-59E	Unit 41-17BH BR 2323	22191 22192	GAS	Pennel Cedar Creek	Siluro-Ordovician Eagle	05/01/03 06/30/03	12771 2000	201 0	48 810
•	SWSE 1-7N-59E	BR 2324	22192	GAS	Cedar Creek	Eagle	07/11/03	1895	0	1250
, ,	SESW 1-7N-59E	BR 2325	22194	GAS	Cedar Creek	Eagle	07/11/03	1975	0	1100
Fidelity Exploration & Production Co.	SENE 12-7N-59E	Fee 2326	22195	GAS	Cedar Creek	Eagle	07/10/03	1900	0	1400
Encore Operating LP	SWSW 27-7N-60E		22196	OIL	Pennel	Siluro-Ordovician	03/26/03	14794	148	25
	SWSW 22-7N-60E		22197	OIL	Pennel	Siluro-Ordovician	08/16/03	14177	112	21
Burlington Resources Oil & Gas Company L	NWSE 29-7N-61E	ELOB Unit 33C-29SH 7		OIL	Lookout Butte, East, Unit	Red River	05/27/03	15508	278	49
Fidelity Exploration & Production Co.	NENW 12-5N-60E	Federal 2292	22199	GAS	Cedar Creek	Eagle	09/23/03	1775	0	265
Encore Operating LP	SWNE 34-5N-61E	Little Beaver 32X-34RH	22200	OIL	Little Beaver, East	Siluro-Ordovician, Red Rive	06/30/03	10248	138	23
Burlington Resources Oil & Gas Company L	NWSE 29-7N-61E	ELOB 33C-29NH 761	22202	OIL	Lookout Butte, East, Unit	Red River	04/25/03	14895	332	41
Fidelity Exploration & Production Co.	SENE 30-8N-60E	Fee 2336	22203	GAS	Cedar Creek	Eagle	07/11/03	1980	0	700
Fidelity Exploration & Production Co.	SWSE 30-8N-60E	Fee 2338	22204	GAS	Cedar Creek	Eagle	07/11/03	2000	0	1050
Fidelity Exploration & Production Co.	NWSW 32-8N-60E	Fee 2339	22205	GAS	Cedar Creek	Eagle	07/11/03	1975	0	1300
Fidelity Exploration & Production Co.	NWSW 26-9N-58E	Fee 2352	22206	GAS	Cedar Creek	Eagle	08/14/03	2000	0	1425
	NENW 27-7N-60E	Unit 21-27BH	22209	OIL	Pennel	Siluro-Ordovician	07/18/03	13529	191	12
• •	SWSE 11-4N-61E	Fee 2357	22210	GAS	Cedar Creek	Judith River, Eagle	06/12/03	1815	0	270
	NESW 13-5N-60E	BR 2341	22211	GAS	Cedar Creek	Eagle	08/29/03	1735	0	660
	SENW 20-5N-61E	Fee 2343	22212	GAS	Cedar Creek	Eagle	08/22/03	1775	0	880
	SENW 7-7N-60E	BR 2344	22216	GAS	Cedar Creek	Eagle	06/30/03	1935	0	480
	NESE 21-7N-60E	Unit 43X-21BH-S	22217	OIL	Pennel	Siluro-Ordovician	10/13/03	14528	387	78
	SESW 23-8N-59E	Federal 2020	22220	GAS	Cedar Creek	Eagle	07/13/03	1975	0	1520
• •	NENE 25-8N-59E	Federal 2030	22221	GAS	Cedar Creek	Eagle	07/10/03	1900	0	850
	SENE 25-9N-58E	BR 2362	22222	GAS	Cedar Creek	Eagle	08/15/03	2000	0	315
	NWSE 26-9N-58E	Federal 2353	22223	GAS	Cedar Creek	Eagle	08/13/03	1985	0	1200
	NENE 27-9N-58E	BR 2363	22224	GAS	Cedar Creek	Eagle	08/13/03	2000	0	960
	NESE 20-5N-61E	Federal 2342	22226	GAS	Cedar Creek	Eagle	08/22/03	1775	0	0

INITIAL POTENTIAL COMPLETION OIL GAS OPERATOR \* LOCATION WELL NAME API TYPE \*\* FIELD INTERVAL DATE DEPTH B/D MCF/D Burlington Resources Oil & Gas Company L SENW 29-7N-61E ELOB 22D-29SH 761 22228 OIL Lookout Butte, East, Unit Red River 06/25/03 14918 223 53 Fidelity Exploration & Production Co. SESE 9-8N-59E Federal 2346 22229 GAS Cedar Creek 07/14/03 1895 0 960 Eagle Fidelity Exploration & Production Co. NWSE 23-8N-59E Federal 2345 22232 GAS Cedar Creek Eagle 07/14/03 1975 0 1250 Fidelity Exploration & Production Co. SENE 26-9N-58E Federal 2358 22233 GAS Cedar Creek Eagle 08/14/03 2000 1200 0 Burlington Resources Oil & Gas Company L NWNE 1-6N-60E ELOB 31C-1NH 660 22235 OIL Lookout Butte, East, Unit Red River 10/10/03 15058 413 99 Burlington Resources Oil & Gas Company L NWNE 1-6N-60E ELOB 31C-1SH 660 22236 OIL Lookout Butte, East, Unit Red River 10/29/03 14184 486 75 ELOB 33A-1NH 660 OIL Lookout Butte, East, Unit Red River 09/15/03 14557 120 Burlington Resources Oil & Gas Company L NWSE 1-6N-60E 22237 0 Burlington Resources Oil & Gas Company L NWSE 1-6N-60E ELOB 33A-1SH 660 22238 OIL Lookout Butte, East, Unit Red River 08/26/03 14310 130 0 Siluro-Ordovician Encore Operating LP SESW 27-5N-61E Little Beaver 24X-27H 22239 OIL 08/05/03 10314 280 26 Little Beaver, East Encore Operating LP NWNW 21-7N-60E Unit 11X-21BH 22240 OIL Pennel Siluro-Ordovician 09/09/03 13114 1 0 Encore Operating LP NESW 21-7N-60E Unit 23-21BH 22241 OIL Pennel Siluro-Ordovician 08/31/03 12891 83 26 Burlington Resources Oil & Gas Company L SESW 3-6N-61E EOR Lookout Butte, East, Unit ELOB 24-3NH 661 22242 Red River 07/30/03 15338 0 0 Continental Resources Inc NWNW 10-6N-61E WCHU 11-10SH 661 22243 **EOR** Cedar Hills, West Unit Red River, Red River 08/03/03 16685 0 0 NWNE 20-7N-60E EOR Siluro-Ordovician, Red Rive 11/22/03 11055 Unit 31X-20BH 22244 Pennel Encore Operating LP 1 Chandler Energy, LLC SENW 3-5N-60E O'Connor 6-3-5-60 22245 GAS Wildcat Fallon Eagle 08/02/03 2115 0 45 Chandler Energy, LLC SENW 9-5N-60E Wagner 6-9-5-60 22246 GAS Wildcat Fallon Eagle 07/29/03 2115 0 0 SENW 15-5N-60E 22247 GAS Wildcat Fallon 07/28/03 2115 Chandler Energy, LLC Vassar 6-15-5-60 Eagle 0 0 Chandler Energy, LLC SESW 33-6N-60E Vassar 14-33-6-60 22248 GAS Wildcat Fallon Eagle 07/31/03 2235 0 0 Coral Creek 41-15CCH OIL **Encore Operating LP** NENE 15-6N-60E 22249 Lookout Butte Siluro-Ordovician 10/20/03 12783 207 34 Fidelity Exploration & Production Co. NWSW 8-10N-58E BR 13-8 22253 GAS Cedar Creek Eagle 11/22/03 1970 0 850 SENW 8-10N-58E Fidelity Exploration & Production Co. BR 22-8 22254 GAS Cedar Creek Eagle 11/22/03 1970 0 1050 BR 31-20 GAS Fidelity Exploration & Production Co. NWNE 20-10N-58E 22255 Cedar Creek Eagle 11/23/03 2050 0 1200 Fidelity Exploration & Production Co. SENW 28-10N-58E BR 22-28 22256 GAS Cedar Creek Eagle 11/23/03 2050 0 1190 GAS Fidelity Exploration & Production Co. NENE 18-10N-58E BR 41-18 22259 Cedar Creek Eagle 11/23/03 2050 0 725 Burlington Resources Oil & Gas Company L NWSW 33-7N-61E ELOB 13C-33NH 761 22260 OIL Lookout Butte, East, Unit Red River 11/20/03 14990 176 0 Burlington Resources Oil & Gas Company L NWSW 33-7N-61E ELOB 13C-33SH 761 22261 OIL Lookout Butte, East, Unit Red River 12/29/03 15024 129 39 Fidelity Exploration & Production Co. SESE 6-10N-58E BR 34-6 22270 GAS Cedar Creek Eagle 11/22/03 1930 0 1100 035 Glacier Miller Exploration Company SENE 21-34N-10W Finley 8-21 21997 DH Wildcat Glacier 08/26/03 992 0 0 Miller Exploration Company NWNW 27-34N-10 Finley 4-27 21999 DH Wildcat Glacier 08/26/03 962 0 0 K2 America Corporation NWNE 10-32N-6W Palmer Bow Island 2B-1 22052 GAS Cut Bank Bow Island 08/18/03 2207 O 163 041 Hill Klabzuba Oil & Gas, Inc. NWNE 19-36N-16E Dusek Ranch 19-36-16 22876 GAS Wildcat Hill Eagle, Niobrara 08/14/03 2108 0 120 NWNW 25-31N-14E Brown 25-4 22885 GAS 02/05/03 1200 Tiger Ridge 157 Ocean Energy, Inc. Eagle 0 Klabzuba Oil & Gas. Inc. SENE 8-35N-16E Shrauger 8-35-16B 22890 DH Wildcat Hill 01/13/03 2200 0 0 Klabzuba Oil & Gas, Inc. SWSE 33-36N-16E Mud Lake Farms 33-36- 22917 GAS Wildcat Hill Niobrara 09/11/03 2107 0 0 NWNE 18-29N-15E Rocky Boy 18-2 GAS Ocean Energy, Inc. 22920 Wildcat Hill Eagle 04/08/03 1620 0 300 1952 Klabzuba Oil & Gas. Inc. SWNW 30-34N-15E Seven R Farms 30-34-1 22921 GAS Wildcat Hill Eagle 01/09/03 0 1500 SWSW 24-32N-17E Haston 24-13 DH Tiger Ridge Area 02/20/03 1660 Ocean Energy, Inc. 22928 0 0 Klabzuba Oil & Gas. Inc. NENW 5-33N-15E Hess Farms 5-33-15 22933 DH Wildcat Hill 01/08/03 1852 0 0 Klabzuba Oil & Gas. Inc. NWNW 31-34N-15E State 31-34-15 22934 GAS Wildcat Hill Eagle 01/17/03 1850 0 265 Ocean Energy, Inc. NWSW 31-32N-14E Pursley 31-12 22938 DH Laredo 03/26/03 1255 O n NWNE 13-34N-15E Verploegen 13-34-15 GAS Klabzuba Oil & Gas, Inc. 22942 Wildcat Hill Eagle 02/04/03 1858 0 10 NESE 29-30N-15E Rocky Boy 29-9 Ocean Energy, Inc. 22945 GAS 02/07/03 2000 0 Tiger Ridge Eagle 194 Ocean Energy, Inc. NESE 19-30N-15E Rocky Boy 19-9 22948 GAS Tiger Ridge Eagle 04/01/03 1505 0 500 Athena Energy LLC NWNW 35-36N-9E Langel 11-35 22953 DH Wildcat Hill 08/06/03 3287 0 0 Ocean Energy, Inc. NWNW 3-31N-17E Gussenhoven 3-4 22954 GAS Tiger Ridge Eagle 02/26/03 1575 0 510 Ocean Energy, Inc. SESE 25-32N-16E Dion 25-16 22955 GAS Tiger Ridge Eagle 02/17/03 1600 0 310 GAS SENW 34-32N-16E Solomon 34-6 22956 Tiger Ridge 03/11/03 1544 151 Ocean Energy, Inc. Eagle 0 SWNW 35-31N-14E Delp 35-5 22957 Tiger Ridge Area 01/30/03 1200 Ocean Energy, Inc. DH 0 0 Brown, J. Burns Operating Company NESE 25-34N-14E Gwynn 25-34-14B 22958 GAS Wildcat Hill Eagle 02/14/03 1600 0 1800 Ocean Energy, Inc. SESE 4-29N-15E Rocky Boy 4-16 22959 GAS Wildcat Hill Eagle 06/06/03 1900 0 0 Ocean Energy, Inc. NWSW 7-29N-15E Rocky Boy 7-12 22960 GAS Wildcat Hill Eagle 07/17/03 1600 0 354 SENE 9-29N-15E DH 1480 0 Ocean Energy, Inc. Rocky Boy 9-8B 22961 Wildcat Hill 05/16/03 0 Ocean Energy, Inc. NENE 10-29N-15E Rocky Boy 10-1 22962 GAS Wildcat Hill Eagle 06/06/03 1912 0 0 Ocean Energy, Inc. NWNW 11-29N-15E Rocky Boy 11-4 22963 GAS Wildcat Hill 07/17/03 1900 Eagle 0 0 Ocean Energy, Inc. NWNE 15-29N-15E Rocky Boy 15-2 22964 GAS Wildcat Hill Eagle 05/23/03 1700 0 304 Ocean Energy, Inc. SWNE 15-29N-15E Rocky Boy 15-7 22965 GAS Wildcat Hill Eagle 05/30/03 1850 0 304 GAS Wildcat Hill 1500 153 Ocean Energy, Inc. NWNW 18-29N-15E Rocky Boy 18-4 22966 Eagle 06/10/03 0 NWSW 18-29N-15E Rocky Boy 18-12 Ocean Energy, Inc. 22967 GAS Wildcat Hill Eagle 05/20/03 1600 0 350 SESE 22-30N-15E Nystrom 22-16 22968 GAS 1980 0 251 Ocean Energy, Inc. Tiger Ridge Eagle 06/14/03 Ocean Energy, Inc. SWNE 35-30N-15E Nystrom 35-7 22970 GAS Tiger Ridge Eagle 04/22/03 2180 0 152 Ocean Energy, Inc. SENW 36-30N-15E State 36-6 22972 GAS Wildcat Hill Eagle 07/11/03 2230 0 98 Ocean Energy, Inc. SWSW 3-31N-17F O'Neil 3-13 22973 DH Tiger Ridge 03/02/03 1615 0 0 SWSE 29-32N-15E State 29-15 Ocean Energy, Inc. 22975 GAS Tiger Ridge Eagle 05/12/03 1232 0 0 Brown, J. Burns Operating Company SWNW 27-34N-14E St. Judes 27-34-14C 22976 GAS Brown's Coulee 04/01/03 1375 1500 Eagle 0 Ocean Energy, Inc. SWSE 10-29N-15E Rocky Boy 10-15 22977 GAS Wildcat Hill Eagle 05/12/03 1600 0 302 SENE 11-29N-15E 22978 GAS Wildcat Hill 1800 Ocean Energy, Inc. Rocky Boy 11-8 Eagle 10/15/03 0 0 Ocean Energy, Inc. W2NW 5-31N-16E Patrick 5-5 22979 GAS Tiger Ridge Eagle 06/24/03 1530 0 50 Ocean Energy, Inc. SWNW 6-31N-16E Lee 6-5 22980 GAS Tiger Ridge Eagle 05/29/03 1322 0 104 Ocean Energy, Inc. SWSW 22-32N-15E State 22-13 22982 GAS 09/20/03 1360 Tiger Ridge Eagle 0 182 NESE 35-32N-15E Majerus 35-9 22983 DH 05/04/03 1405

Tiger Ridge

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Ocean Energy, Inc.

COMPLETION OIL GAS OPERATOR \* LOCATION WELL NAME API TYPE \*\* FIELD INTERVAL DATE DEPTH B/D MCF/D Ocean Energy, Inc. SWSW 36-32N-15E State 36-13 22984 GAS Tiger Ridge Eagle 05/13/03 1415 500 0 Ocean Energy, Inc. SESW 29-32N-16E Kravick 29-14 22985 GAS Tiger Ridge 05/24/03 1496 0 650 Eagle Klabzuba Oil & Gas, Inc. NWSW 7-37N-15E Springer-Federal 7-37-1 22986 DH Wildcat Hill 04/08/03 2600 0 0 Klabzuba Oil & Gas, Inc. NESE 19-37N-15E Fed. Signal Butte 19-37 22987 GAS Wildcat Hill Niobrara 07/30/03 2600 50 0 Ocean Energy, Inc. SENW 1-31N-15E Majerus 1-6 22989 GAS Tiger Ridge Eagle 06/05/03 1460 0 251 Ocean Energy, Inc. SESW 12-31N-15E Gregoire 12-14 22990 GAS Tiger Ridge Eagle 07/04/03 1325 0 117 Ocean Energy, Inc. NWNW 13-31N-15E Gregoire 13-4A 22991 DH Tiger Ridge 06/14/03 1400 0 0 Ocean Energy, Inc. SWNW 13-31N-15E Gregoire 13-5 22992 DH Tiger Ridge 06/09/03 1420 0 0 SENE 13-31N-15E Hegle 13-8 22993 GAS Eagle 1505 362 Ocean Energy, Inc. Tiger Ridge 06/10/03 0 Ocean Energy, Inc. NESE 23-31N-15E Hegle 23-9 22994 GAS Tiger Ridge Eagle 09/24/03 1464 0 255 Ocean Energy, Inc. NESW 24-31N-15E Hegle 24-11 22995 GAS Tiger Ridge Eagle 10/10/03 1500 250 GAS 1555 Ocean Energy, Inc. SWSW 18-31N-16E Gregoire 18-13 22996 Tiger Ridge Eagle 07/11/03 0 30 Ocean Energy, Inc. SWSW 30-31N-16E Anderson 30-13 22997 DH Tiger Ridge 06/16/03 1800 0 0 SENE 3-31N-15E 22998 GAS Tiger Ridge Eagle 07/04/03 1580 400 Ocean Energy, Inc. Sunday 3-8 0 Klabzuba Oil & Gas, Inc. NENW 6-37N-15E Federal 6-37-15 23000 GAS Wildcat Hill Niobrara 09/03/03 2009 0 25 Klabzuba Oil & Gas, Inc. NESE 28-37N-15E Verploegen-Federal 28-23001 GAS Wildcat Hill Niobrara 09/02/03 2205 0 200 GAS Klabzuba Oil & Gas. Inc. SESW 20-37N-15E Fed. Signal Butte 20-37 23002 Wildcat Hill Eagle 07/23/03 2123 0 200 Ocean Energy, Inc. SESE 19-30N-16E Stirling 19-16 23004 GAS Tiger Ridge Eagle 06/25/03 1905 0 400 Brown, J. Burns Operating Company SESE 25-34N-14E 23006 DH Wildcat Hill 06/08/03 1600 0 Gwynn 25-34-14C 0 Brown, J. Burns Operating Company NWSE 16-34N-17E State 16-34-17B 23007 DH Wildcat Hill 06/11/03 1550 0 0 Klabzuba Oil & Gas, Inc. SWNE 29-37N-15E Fed.-Signal Butte 29-37 23008 GAS Wildcat Hill Niobrara 07/31/03 2200 0 80 Ocean Energy, Inc. NESE 22-32N-17E U.S. 22-9 23009 GAS Tiger Ridge Eagle 07/29/03 1420 0 0 Klabzuba Oil & Gas, Inc. SWSW 14-34N-15E Verploegen 14-34-15 23013 GAS Wildcat Hill Eagle 09/08/03 2101 0 400 Klabzuba Oil & Gas, Inc. SESW 6-36N-16E Tonjum 6-36-16 23014 GAS Wildcat Hill Niobrara 08/06/03 2204 0 50 2104 Klabzuba Oil & Gas, Inc. NWSE 12-37N-14E Signal Butte 12-37-14 23015 GAS Wildcat Hill Eagle 09/02/03 0 150 Klabzuba Oil & Gas, Inc. SENW 13-37N-14E White 13-37-14 23016 GAS Wildcat Hill Eagle 08/26/03 2107 200 0 Klabzuba Oil & Gas. Inc. SENW 34-37N-15E Verploegen 34-37-15 23017 GAS Wildcat Hill Niobrara 08/04/03 2204 0 200 Klabzuba Oil & Gas, Inc. SENW 23-35N-15E McIntosh-St.-Fed. 23-35 23018 GAS Wildcat Hill Niobrara 08/20/03 2076 0 GAS Wildcat Hill Eagle, Niobrara, Judith Rive 08/20/03 Klabzuba Oil & Gas. Inc. SWSE 18-36N-16E State 18-36-16B 23020 2107 0 650 Wildcat Hill Brown, J. Burns Operating Company SESE 17-34N-14E Brubaker 17-34-14B 23022 GAS 12/04/03 1450 0 0 NESE 5-35N-16E Onstad 5-35-16 GAS Wildcat Hill Niobrara 2121 Klabzuba Oil & Gas, Inc. 23024 12/02/03 0 0 Brown, J. Burns Operating Company NWSE 30-35N-15E Rhodes 30-35-15 23025 GAS Wildcat Blaine Eagle 10/15/03 1550 O 150 Brown, J. Burns Operating Company SESW 12-33N-14E Dolezal 12-33-14 23027 DH Wildcat Hill 09/10/03 1350 0 0 GAS Klabzuba Oil & Gas. Inc. SESE 27-37N-16E Tonium 27-16-37-16 23028 Wildcat Hill Niobrara 09/24/03 2159 0 n GAS **Devon Louisiana Corporation** NWNW 13-31N-15E Gregoire 13-4B 23029 Tiger Ridge Eagle 10/03/03 1400 0 142 SENW 13-31N-15E Gregoire 13-6A 23030 GAS 10/14/03 1400 520 **Devon Louisiana Corporation** Tiger Ridge Eagle 0 Brown, J. Burns Operating Company NESE 14-35N-14E Pace 14-35-14 23031 GAS Wildcat Hill Niobrara 10/13/03 2100 0 10 SESE 24-35N-14E Slyter 24-35-14C 23032 GAS Wildcat Hill Eagle 10/11/03 1400 Brown, J. Burns Operating Company 0 50 GAS Klabzuba Oil & Gas, Inc. NWSE 23-37N-15E White 23-10-37-15 23033 Wildcat Hill Niobrara 09/26/03 2599 0 160 Devon Louisiana Corporation SWNE 22-32N-17E Hanson 22-7 23034 GAS Tiger Ridge Eagle 11/17/03 1475 0 127 Klabzuba Oil & Gas, Inc. N2NW 33-33N-13E Reinowski-State 33-33-GAS Wildcat Hill Eagle, Niobrara 11/25/03 1690 23035 0 150 Klabzuba Oil & Gas, Inc. NENW 5-35N-16E Shrauger 5-35-16B 23037 DH Wildcat Hill 11/25/03 2090 0 0 Brown, J. Burns Operating Company SENW 24-33N-14E Hamblock 24-33-14C 23038 DH Wildcat Hill 10/01/03 1300 0 0 Brown, J. Burns Operating Company SWSW 23-34N-14E Motil 23-34-14D 23039 GAS Brown's Coulee Eagle 10/02/03 1550 0 0 SWNW 23-34N-14E Wold 23-34-14E Brown, J. Burns Operating Company 23040 GAS Brown's Coulee Eagle 10/04/03 1550 200 NENE 19-33N-17E Baltrusch 19-33-17B 23041 GAS Wildcat Hill 10/08/03 1500 Brown, J. Burns Operating Company Eagle 0 0 Brown, J. Burns Operating Company NENW 27-34N-14E St. Judes 27-34-14D 23042 GAS Brown's Coulee Eagle 10/05/03 1550 200 0 Brown, J. Burns Operating Company NWSW 35-34N-14E Gwynn 35-34-14C 23043 GAS Brown's Coulee Eagle 10/10/03 1550 0 125 Brown, J. Burns Operating Company SWSW 29-35N-15E Rose Coulee 29-35-15 23044 GAS Wildcat Hill Eagle 10/18/03 1450 0 800 Klabzuba Oil & Gas. Inc. NWNW 35-33N-13E Johnson 35-33-13 23046 GAS Fresno Eagle 11/25/03 1658 0 430 GAS Tiger Ridge Devon Louisiana Corporation SENE 19-30N-16E Stirling 19-8 23047 12/21/03 1900 331 Eagle 0 SENE 25-34N-14E Rhodes 25-34-14D GAS Wildcat Hill 10/19/03 Brown, J. Burns Operating Company 23049 Eagle 1650 0 100 Klabzuba Oil & Gas, Inc. NWSW 23-35N-15E McIntosh-St-Fed 23-12-23050 GAS Wildcat Hill 12/22/03 1720 0 0 Eagle Devon Louisiana Corporation SESW 19-30N-16E Bovce 19-14A 23051 GAS Tiger Ridge Eagle 12/17/03 2060 0 500 Klabzuba Oil & Gas, Inc. SESE 27-36N-15E Willow Crk-Fed. 27-16-23052 GAS Wildcat Hill Eagle 12/16/03 2058 0 100 Brown, J. Burns Operating Company NWSW 33-34N-14E Kiesling 33-34-14 23054 DH Wildcat Hill 12/19/03 1350 0 n Brown, J. Burns Operating Company NWSW 35-34N-14E Gwynn 35-34-14D 23055 GAS Brown's Coulee Eagle 12/17/03 1350 0 200 051 Liberty Great Northern Drilling Company SESE 5-34N-4E Grandview Ksb 44X-5 21776 GAS Grandview Swift, Sunburst 03/18/03 2620 0 4422 NCNW 15-34N-4E DH 2500 T.W.O. (Taylor Well Operating) Taylor 2-15 21777 Grandview 04/22/03 0 0 SESE 4-34N-4E GAS 05/12/03 2762 Branch Oil & Gas Blair 16-4 21778 Grandview Bow Island 0 215 T.W.O. (Taylor Well Operating) SENE 9-34N-4E Taylor 8-9 21780 GAS Grandview Bow Island 05/14/03 2510 600 0 Eagle Creek Colony NENW 9-34N-4E FCC 3-9 21781 GAS Grandview Bow Island 07/28/03 2570 0 600 Branch Oil & Gas NWSE 9-35N-4E State 10-9 21782 GAS Wildcat Liberty Bow Island 08/02/03 2553 0 29 Branch Oil & Gas NWNF 14-35N-4F Oswood 2-14 21783 GAS Haystack Butte Bow Island 09/04/03 2020 0 39 055 McCone Stephens Energy Company, LLC SENE 24-23N-49E Beery 8-24 21200 DH Wildcat McCone 07/15/03 9540 0 0 Musselshell SESW 26-11N-24E Tranel 26-48 DL Incorporated 21852 OIL Wildcat Musselshell Amsden 06/20/03 1701 0 0 DL Incorporated SESE 25-11N-24E Tranel 25-77 21854 SWD Devil's Basin 07/15/03 1401 0 Heath, Heath 0

INITIAL POTENTIAL

OIL

Wildcat Musselshell

08/17/03

3810

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21855

NWSW 31-11N-26E Herco Federal 13-31

True Oil LLC

										OTENTIAL
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	OMPLETIO DATE	N DEPTH	OIL B/D	GAS MCF/D
Cardinal Construction, LLC	NE 2-7N-27E	BMB-Gage 1-2	21856	DH	Wildcat Musselshell		08/05/03	1521	0	0
069 Petroleum		-								
True Oil LLC	SWSE 33-12N-25E	lverson 34-33	21158	DH	Wildcat Petroleum		08/26/03	2960	0	0
True Oil LLC	3W3E 33-12N-23E	IVEISUIT 34-33	21130	υп	Wildcat Felfoleum		06/26/03	2900	U	U
071 Phillips										
Fidelity Exploration & Production Co.	SESW 13-32N-33E		22680	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	10/22/03	1300	0	138
Fidelity Exploration & Production Co.	NESE 34-33N-33E		22684	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	96
Fidelity Exploration & Production Co.  Decker Operating Company, L.L.C.	SENW 1-32N-33E NWNE 30-34N-30E		22695 22713	GAS GAS	Bowdoin Wildcat Phillips	Bowdoin, Phillips, Niobrara Phillips	10/10/03 02/13/03	1300 2033	0	160 2
Fidelity Exploration & Production Co.	SESW 1-32N-32E		22737	GAS	Wildcat Phillips	Firemoon	02/13/03	3088	0	3400
Fidelity Exploration & Production Co.	NWSW 12-31N-32E	•	22738	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	143
Fidelity Exploration & Production Co.	SESE 17-32N-32E	Fee 1217	22739	GAS	Bowdoin	Niobrara, Bowdoin, Phillips	09/21/03	1460	0	168
Fidelity Exploration & Production Co.	NWSE 20-32N-32E		22740	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	140
Fidelity Exploration & Production Co.	NENE 36-32N-32E		22741	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	90
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SENE 1-32N-33E NWSW 4-32N-33E	Fee 1154	22943 22944	GAS GAS	Bowdoin Bowdoin	Bowdoin, Phillips, Niobrara Bowdoin, Phillips, Niobrara		1300 1290	0	121 49
Fidelity Exploration & Production Co.	SENE 11-32N-33E		22945	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	179
Fidelity Exploration & Production Co.	NWNW 16-32N-34E		22947	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	183
Fidelity Exploration & Production Co.	NWSE 2-31N-32E	Federal 1234	22949	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	100
Fidelity Exploration & Production Co.	NWSE 8-32N-32E	Federal 1229	22951	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	09/21/03	1460	0	168
Fidelity Exploration & Production Co.	NWNW 9-32N-32E		22952	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1460	0	201
Fidelity Exploration & Production Co.	SW 10-32N-32E	Federal 1231	22953	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1460	0	198
Fidelity Exploration & Production Co.	SWNE 15-32N-32E NWNW 21-32N-32E		22954	GAS GAS	Bowdoin Bowdoin	Bowdoin, Phillips, Niobrara		1460 1460	0	199 197
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SESW 28-32N-32E		22955 22956	GAS	Bowdoin	Bowdoin, Phillips, Niobrara Niobrara, Bowdoin, Phillips		1460	0	166
Fidelity Exploration & Production Co.	SW 31-32N-33E	Federal 1236	22959	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	109
Fidelity Exploration & Production Co.	NENE 18-32N-34E		22962	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	130
Fidelity Exploration & Production Co.	SENE 33-33N-33E	Federal 1199	22965	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	10/08/03	1300	0	109
Fidelity Exploration & Production Co.	NENE 13-32N-32E	Federal 1148	22966	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	10/24/03	1460	0	290
Fidelity Exploration & Production Co.	SESW 34-33N-33E		22967	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1305	0	185
Fidelity Exploration & Production Co.	NWSW 3-31N-32E		22968	GAS	Bowdoin	Niobrara, Bowdoin, Phillips		1460	0	100
Fidelity Exploration & Production Co.	NWSE 8-31N-34E		22969	GAS	Bowdoin	Bowdoin, Niobrara	10/24/03	1490	0	0
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	SWSW 29-32N-32E SWSW 3-32N-33E		22970 22971	GAS GAS	Bowdoin Bowdoin	Bowdoin, Phillips, Niobrara Bowdoin, Phillips, Niobrara		1460 1260	0	30 191
Fidelity Exploration & Production Co.	NWNW 33-33N-33E		22973	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	116
Fidelity Exploration & Production Co.	NWSW 7-32N-34E		22977	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	225
Fidelity Exploration & Production Co.	SWNE 8-32N-34E	Fee 1268	22978	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	10/10/03	1295	0	136
Fidelity Exploration & Production Co.	SESE 8-32N-34E	Fee 1269	22979	GAS	Bowdoin	Bowdoin, Phillips, Niobrara	10/22/03	1300	0	163
Fidelity Exploration & Production Co.	SWNW 8-32N-34E		22980	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	156
Fidelity Exploration & Production Co.	NWSW 9-32N-34E		22981	GAS	Bowdoin	Bowdoin, Phillips, Niobrara		1300	0	217
Fidelity Exploration & Production Co. Fidelity Exploration & Production Co.	NESE 11-32N-32E NESE 12-32N-32E		22982 22983	GAS GAS	Bowdoin Bowdoin	Bowdoin, Phillips, Niobrara Bowdoin, Phillips, Niobrara		1460 1460	0	198 166
073 Pondera										
Shakespeare Oil Co Inc	SENE 19-31N-3W	Majerus #1 8-19	21794	GAS	Marias River	Bow Island	09/06/03	1364	0	15
079 Prairie										
Encore Operating LP	NENE 31-13N-56E	North Pine 41-31CH	21043	EOR	Pine	Siluro-Ordovician	02/18/03	12280	0	0
083 Richland										
Headington Oil LP	SESW 25-24N-54E	Roberts 24Y-25	21925	OIL	Wildcat Richland	Bakken	04/07/03	15030	363	182
Headington Oil LP	SESW 19-24N-55E		21927	OIL	Wildcat Richland	Bakken	01/18/03	14800	632	270
_yco Energy Corporation	W2E2 4-24N-55E	Whiplash-Vaira 4-2-H	21946	OIL	Wildcat Richland	Bakken	01/10/03	15942	308	120
Lyco Energy Corporation	NWNE 25-25N-54E	Burning Tree-Larson 25	21951	OIL	Charlie Creek	Bakken	05/24/03	13207	287	148
Headington Oil LP	NWNW 24-24N-54E	Williams 11X-24	21957	OIL	Wildcat Richland	Bakken	05/12/03	13665	748	342
_yco Energy Corporation		Penelope-Gladowski 24		OIL	Wildcat Richland	Bakken	02/20/03	14281	440	219
Petro-Hunt, LLC	NWSW 11-22N-53E		21964	OIL	Wildcat Richland	Red River	02/10/03	11285	391	467
Headington Oil LP	NENW 30-24N-55E		21967 21969	OIL OIL	Wildcat Richland Wildcat Richland	Bakken	06/26/03	14935 14455	470 416	235 70
Headington Oil LP EOG Resources, Inc.	SESW 18-25N-54E SWSE 23-25N-53E	•	21969	OIL	Wildcat Richland	Bakken Bakken	03/09/03 04/04/03	13850	269	135
yco Energy Corporation		Lone Tree-McMillen 12-		OIL	Wildcat Richland	Bakken	03/16/03	19256	414	200
Headington Oil LP		Albin Farms 34X-32	21972	OIL	Wildcat Richland	Bakken	04/29/03	15187	401	246
yco Energy Corporation	NWNW 19-25N-54E	Hopper-Irigoin 19-4H	21975	OIL	Wildcat Richland	Bakken	09/06/03	18700	536	273
leadington Oil LP	NWNE 28-24N-56E		21977	OIL	Wildcat Richland	Bakken	05/07/03	15274	516	282
leadington Oil LP	SESE 1-24N-54E	BR 44X-1	21980	OIL	Wildcat Richland	Bakken	08/12/03	16288	712	292
Lyco Energy Corporation		Penelope-Frank 19-4-H		OIL	Wildcat Richland	Bakken	07/03/03	19570	709	300
Petro-Hunt, LLC	SWNE 31-23N-55E		21983	DH OIL	Wildcat Richland Wildcat Richland	Rakken	05/18/03	11900	0 557	0 253
Headington Oil LP Headington Oil LP	NWNE 20-24N-55E SWSE 21-24N-56E		21985 21999	OIL	Wildcat Richland Wildcat Richland	Bakken Bakken	06/27/03 06/26/03	15244 15380	557 716	253 362
yco Energy Corporation		Buffalo-Mullin 21-4H	21999	OIL	Wildcat Richland	Bakken	09/15/03	14248	566	289
Petro-Hunt, LLC	NENW 27-24N-54E		22002	OIL	Wildcat Richland	Bakken	08/22/03	14198	386	170
Headington Oil LP	SWSE 11-23N-56E		22004	OIL	Wildcat Richland	Bakken	09/26/03	15550	452	226
	NWNE 29-24N-56E	DD LUI 04V 00	22005	OIL	Wildcat Richland	Bakken	08/08/03	15563	975	411

									INITIAL P	OTENTIAL
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	COMPLETIO DATE	N DEPTH	OIL B/D	GAS MCF/D
Continental Resources Inc	SWSE 26-24N-54E	Goss 34-26H	22006	OIL	Wildcat Richland	Bakken	08/23/03	14943	459	225
Continental Resources Inc		Margaret 44-15H	22008	OIL	Wildcat Richland	Bakken	12/21/03	14810	1280	0
Headington Oil LP	SWSE 14-24N-54E	Williams 34X-14	22010	OIL	Wildcat Richland	Bakken	09/29/03	14898	865	433
Headington Oil LP	NWNE 22-24N-56E	LeSueur 31X-22	22011	OIL	Wildcat Richland	Bakken	08/15/03	15535	322	161
yco Energy Corporation	SESE 10-24N-55E	Whiplash-Fink 10-16H	22013	OIL	Wildcat Richland	Bakken	08/06/03	16064	691	329
Headington Oil LP	SESE 18-23N-58E	Larson 44X-18	22014	OIL	Wildcat Richland	Bakken	11/07/03	15278	131	56
yco Energy Corporation	SESW 29-25N-54E	Cable-Leonard 29-14H	22017	OIL	Wildcat Richland	Bakken	12/16/03	18206	1086	538
EOG Resources, Inc.	NWNW 22-25N-53E	Vairstep 1-22H	22018	OIL	Wildcat Richland	Bakken	10/17/03	13995	624	480
Petro-Hunt, LLC	SESW 33-23N-54E	Grow 33C-4-1H	22020	DH	Wildcat Richland		10/27/03	14012	0	0
Continental Resources Inc	SWSW 34-24N-55E	Melvin 1-34H	22021	OIL	Wildcat Richland	Bakken	09/18/03	15127	322	156
Headington Oil LP	NWNE 19-24N-57E	Halvorsen 31X-19	22022	OIL	Wildcat Richland	Bakken	09/24/03	15657	216	108
Petro-Hunt, LLC	NENE 25-23N-54E	Qualley 25A-1-1	22023	OIL	Wildcat Richland	Red River	10/30/03	11730	56	30
Nance Petroleum Corporation	NWSW 26-23N-57E	Larson 11-26	22025	OIL	Wildcat Richland	Stonewall	12/23/03	12550	235	0
Nance Petroleum Corporation		Steinbeisser 7-2	22026	OIL	Wildcat Richland	Red River	11/08/03	12550	288	1014
_yco Energy Corporation	NENE 13-25N-53E	•	22028	OIL	Wildcat Richland	Bakken	11/12/03	14250	460	235
_yco Energy Corporation		Rocky-Conrad 29-2H	22031	OIL	Wildcat Richland	Bakken	11/26/03	14897	775	395
EOG Resources, Inc.		Candee 1-5H	22036	OIL	Wildcat Richland	Bakken	12/26/03	13997	220	140
Headington Oil LP	SESW 20-23N-57E		22047	OIL	Wildcat Richland	Bakken	11/15/03	15680	741	379
Headington Oil LP	NENW 20-24N-55E		22050	OIL	Wildcat Richland	Bakken	11/13/03	14770	816	384
Headington Oil LP		Redwater State 24X-16		OIL	Wildcat Richland	Bakken	12/23/03	14925	692	346
Headington Oil LP	NWSE 5-24N-56E	BR 33X-5	22071	OIL	Wildcat Richland	Bakken	12/23/03	16829	558	312
085 Roosevelt										
Chandler Energy, LLC		Waldow 9-34-29-55	21668	DH	Wildcat Roosevelt		01/27/03	12166	0	0
Shotgun Creek, LLC		Jacobson 2-15H	21669	OIL	Wildcat Roosevelt	Ratcliffe	04/28/03	12050	0	0
Shotgun Creek, LLC	NENE 27-30N-57E		21670	OIL	Wildcat Roosevelt	Ratcliffe	04/21/03	8770	20	0
Ballard Petroleum Holdings LLC	SWSE 11-28N-51E		21671	OIL	Poplar, East	Charles C	02/05/03	9382	174	0
Nance Petroleum Corporation			21673	DH	Bainville, North		01/12/03	12627	0	0
Ballard Petroleum Holdings LLC	SWSW 17-29N-51E	EPU 14-17H	21674	OIL	Poplar, East	Charles B	05/29/03	9857	18	0
Bill Barrett Corporation	SWSW 16-29N-59E	State 14-16H	21677	OIL	Wildcat Roosevelt	Ratcliffe	11/25/03	13000	120	0
087 Rosebud										
Great Plains Resources Inc.	NWSE 26-12N-32E	Edward 10-26	21669	DH	Wildcat Rosebud, N		08/01/03	5306	0	0
rue Oil LLC	SWNE 13-7N-38E	Swanson 32-13	21676	GAS	Wildcat Rosebud, N	Greenhorn	02/14/03	2050	0	0
rue Oil LLC	NWSE 19-7N-39E	Pindell 33-19	21680	GAS	Wildcat Rosebud, N	Shannon	10/08/03	2118	0	0
rue Oil LLC	NESW 2-7N-38E	Swanson 23-2	21682	GAS	Wildcat Rosebud, N		10/09/03	2058	0	0
rue Oil LLC	SWNE 3-7N-38E	Swanson 32-3	21683	GAS	Wildcat Rosebud, N	Greenhorn	01/03/03	2098	0	0
rue Oil LLC	SWNE 5-6N-39E	Krueger 32-5	21684	GAS	Wildcat Rosebud, N	Shannon	10/08/03	2318	0	54
rue Oil LLC	SENW 21-7N-39E	Anchor Island 22-21	21687	GAS	Wildcat Rosebud, N	Shannon	10/08/03	2238	0	0
True Oil LLC	SENW 30-7N-40E	Hein 22-30	21688	GAS	Wildcat Rosebud, N	Bowdoin	03/06/03	2500	0	0
rue Oil LLC		Thompson 23-23	21693	GAS	Wildcat Rosebud, N	Shannon	03/06/03	2802	0	0
Macum Energy Inc.	SESW 29-13N-34E	Galt 24-29	21694	DH	Wildcat Rosebud, N		07/18/03	4650	0	0
91 Sheridan										
Nance Petroleum Corporation	SESW 1-33N-58E	•	21773	OIL	Brush Lake	Ratcliffe	04/17/03	12590	0	0
CamWest II, LP	SWNE 8-37N-57E	Hellegaard 5H	21774	OIL	Flat Lake	Nisku	03/13/03	11185	41	45
Citation Oil & Gas Corporation	NESW 32-36N-58E	Goose Lake Deep 11-3	21775	DH	Goose Lake		08/31/03	10905	0	0
lance Petroleum Corporation	NENE 14-33N-58E	Dahl 1-14H	21776	OIL	Brush Lake	Gunton	09/25/03	15417	416	201
CamWest II, LP	NWSW 19-32N-59E	Dwyer 18-02H	21777	OIL	Dwyer	Ratcliffe	11/14/03	9808	107	0
CamWest II, LP	SWNE 18-37N-57E	· ·	21779	DH	Flat Lake		11/06/03	8050	0	0
CamWest II, LP	NWNW 10-37N-57E	Jerde 5	21780	OIL	Flat Lake		12/03/03	8140	0	0
01 Toole										
omont Oil Company, Inc.	SWNE 28-35N-1W		23935	OIL	Kevin-Sunburst	Swift	04/01/03	1375	5	0
omont Oil Company, Inc.	NWNW 27-35N-1W		23938	EOR	Kevin-Sunburst	Swift	04/25/03	1420	0	0
omont Oil Company, Inc.	SWNW 27-35N-1W		23939	OIL	Kevin-Sunburst	Swift	04/02/03	1422	5	0
omont Oil Company, Inc.	SWNW 27-35N-1W	FSFU 26i	23940	EOR	Kevin-Sunburst	Swift	04/25/03	1414	0	0
omont Oil Company, Inc.	NWSW 27-35N-1W		23941	OIL	Kevin-Sunburst	Swift	03/27/03	1440	5	0
omont Oil Company, Inc.	NESW 27-35N-1W		23942	EOR	Kevin-Sunburst	Swift	04/28/03	1440	0	0
omont Oil Company, Inc.	NESW 27-35N-1W		23943	OIL	Kevin-Sunburst	Swift	03/27/03	1463	5	0
omont Oil Company, Inc.		FSFU 22i	23944	EOR	Kevin-Sunburst	Swift	04/28/03	1416	0	0
omont Oil Company, Inc.	NESE 28-35N-1W	FSFU 23i	23945	EOR	Kevin-Sunburst	Swift	04/28/03	1411	0	0
riffon Petroleum, Inc.	NENE 29-34N-1W	Potlatch 4-29	23948	GAS	Prairie Dell	Swift	08/10/03	1231	0	100
obinson Oil Company, LLC		Hellinger 23-1	23949	GAS	Devon	Bow Island	01/30/03	735	0	78
obinson Oil Company, LLC	NWNE 24-34N-2E	Blue Heron Ranch 24-1		DH	Wildcat Toole		01/28/03	1413	0	0
eesun Corporation			23952	GAS	Old Shelby	Swift, Sunburst	06/01/03	1351	0	150
eesun Corporation			23953	GAS	Old Shelby	Sunburst	06/05/03	1350	0	70
obinson Oil Company, LLC	SWSE 10-32N-2E	Kinyon 10-1	23954	DH	Devon		12/29/03	813	0	0
obinson Oil Company, LLC	SWNW 24-32N-2E		23955	DH	Devon, East		10/03/03	740	0	0
obinson Oil Company, LLC	NWSE 5-32N-3E	Childers 5-1	23960	GAS	Wildcat Toole	Spike Zone, Blackleaf Fm.	10/27/03	2180	0	23
Geesun Corporation	SWSE 23-34N-1W	Zimmerman 15-23	23962	GAS	Kevin-Sunburst	Bow Island, Sunburst	10/30/03	1442	0	60

									INITIAL P	OTENTIAL
							COMPLETIO	N	OIL	GAS
OPERATOR *	LOCATION	WELL NAME	API	TYPE **	FIELD	INTERVAL	DATE	DEPTH	B/D	MCF/D
105 Valley										
Continental Resources Inc	SWSE 22-31N-43E	McKay 1-22	21458	OIL	Wildcat Valley, E	Madison	01/10/03	6208	140	0
Continental Resources Inc	NESW 7-30N-45E	Joseph 1-7	21461	OIL	Wildcat Valley, E	Mission Canyon	10/06/03	6670	29	0
Samson Resources Company	SWSW 22-36N-36E	Upper Ichpair Creek 1-2	21462	DH	Wildcat Valley, E		07/22/03	1860	0	0
Samson Resources Company	SESE 12-35N-35E	Tiny Spring Fee 1-12	21469	DH	Wildcat Valley, E		07/22/03	1735	0	0
Samson Resources Company	SWSW 21-36N-37E	Starbuck Coulee Fee 1-	21471	DH	Wildcat Valley, E		07/22/03	1970	0	0
109 Wibaux										
Encore Operating LP	NWNW 4-11N-57E	Unit 11X-04AH	21147	OIL	Pine	Siluro-Ordovician	04/18/03	12265	41	1
Encore Operating LP	NWNW 14-11N-57E	South Pine 11-14A	21149	OIL	Pine	Siluro-Ordovician	03/11/03	9244	80	15
Encore Operating LP	SENW 14-11N-57E	South Pine 22-14AH	21150	OIL	Pine	Siluro-Ordovician	05/27/03	13650	104	37
Encore Operating LP	SESW 4-11N-57E	South Pine 24-04A	21151	OIL	Pine	Siluro-Ordovician	04/27/03	9218	54	45

<sup>\* &</sup>quot;Operator" is the well operator at the time the well was completed and not necessarily the current operator or operator that permitted the well.

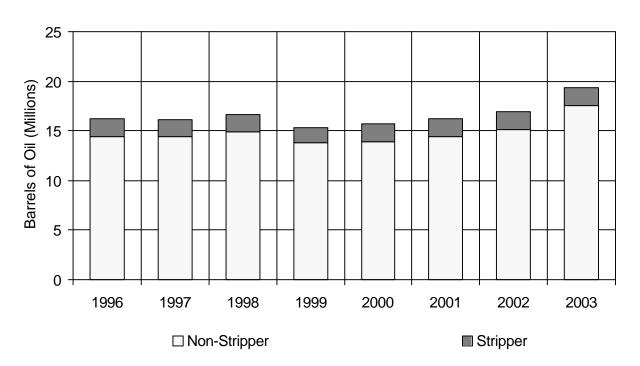
Data Current Through: 11/19/2004

<sup>\*\*</sup> OIL - Oil Well; GAS - Gas Well; DH - Dry Hole; GST - Gas Storage; CBM - Coalbed Methane; EOR - Injection, Enhanced Recovery; SWD - Salt Water Disposal

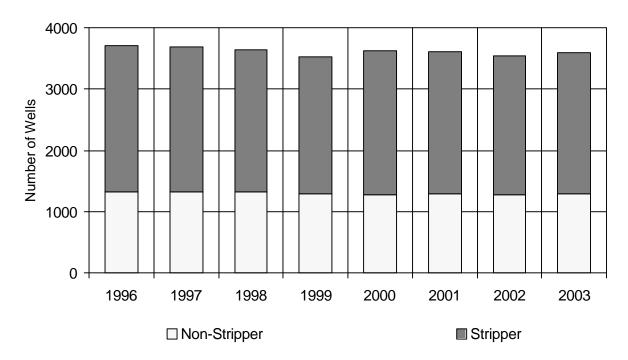
### 2003 Stripper Oil Well Statistics

A Stripper Oil Well Produces Less Than 10 Barrels Of Oil Per Day

### **Oil Production**

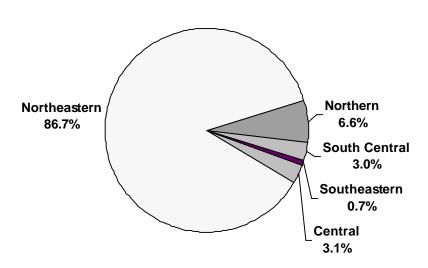


### **Number Of Producing Wells**

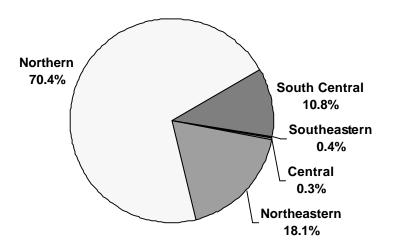


### 2003 Production By Area

### **Oil Production**



### **Gas Production**



# 2003 Field Rules and Production Summary By Formation

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary						
Ace High				Cumulative Oil Production (Bbls): 3,686 Statewide.						
Agawam				Cumulative Oil Production (Bbls): 79 Statewide.						
Alkali Coulee				Cumulative Oil Production (Bbls): 53,229 Post-1986 Gas Production (MCF): 31,682 320-acre Red River Fm. spacing units with 660' setback from spacing unit boundaries and 1650' between wells (Order 77-81).						
Alma				Post-1986 Gas Production (MCF): 45,864 640-acre spacing units for gas production from the Sawtooth, Bow Island, and shallower formations; location to be no closer than 990' to spacing unit boundary (Order 19-77).						
Alma, North										
				Single 640-acre spacing unit for Blackleaf gas production (Order 95-82).						
Amanda				Post-1986 Gas Production (MCF): 3,869,642						
Bow Island	7	0	24,885	320-acre spacing units for gas with one well per horizon, base of the Swift to the surface; wells to be no closer than						
Dakota	1	0	630	660' to spacing unit boundary; spacing units to consist of two contiguous quarter sections lying within one o						
Sunburst	4	0	51,057	sections (Order 76-79). Field enlargement (Orders 25-83, 1-85, 25-88, 42-88, 2-89 and 29-91). Add Sec. 23-36N 4W for gas production below Bow Island and through the Swift (Order 63-91). Enlarged to include 36N-4W-22 for						
Swift	1	0	12,451	all formations below Bow Island including Swift (Order 123-01). Well Density and spacing amendments (Order 88-						
Bow Island, Dakota	1	0	8,965	03).						
Dakota, Kootenai	1	0	20,658							
Swift, Sunburst	7	0	59,933							
	2003 Production:	0	178,579							
Andes				Cumulative Oil Production (Bbls): 21,175 Statewide.						
Antelope Coulee				Post-1986 Gas Production (MCF): 34,813						
Bow Island	1	0	8,783	Statewide.						
	2003 Production:	0	8,783							
Antelope, North				Cumulative Oil Production (Bbls): 2,484 Statewide.						
Anvil				Cumulative Oil Production (Bbls): 5,168,722 Post-1986 Gas Production (MCF): 2,548,785						
Ratcliffe	1	5,460	6,541	320-acre spacing units for Red River "B" and "C" with one well per zone located no closer than 660' to spacing unit						
Nisku	1	29,622	12,965	boundary; commingling approved with one well per spacing unit (Order 75-85).						
Red River	3	22,854	21,472							
	2003 Production:	57,936	40,978							
Anvil, North				Cumulative Oil Production (Bbls): 9,446						
				Statewide.						

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Arch Apex				Post-1986 Gas Production (MCF): 4,328,824
Bow Island	35	0	169,071	Delineated for Colorado Blackleaf pool; wells to be 330' from legal subdivision, 2,400' from any other well drilling to
Sunburst	1	0	2,167	or producing from the same reservoir; 75' topographic tolerance (Orders 5-56, 4-60). Single Bow Island spacing
Bow Island, Kootenai, Swift	1	0	3,516	unit (Order 3-78).
	2003 Production:	0	174,754	
Ash Creek				Cumulative Oil Production (Bbls): 868,169
				Spacing waived (Shannon Formation) within unitized portion of field with wells to be no closer than 660' to unit boundary (Order 4-65). Waterflood initiated October 1964 (Orders 22-64, 15-66).
Ashfield				Post-1986 Gas Production (MCF): 19,920,104
Bowdoin	12	0	97,539	640-acre spacing units for Bowdoin/Greenhorn/Phillips with two wells per formation (Orders 41-82 and 16-89).
Niobrara	2	0	2,789	Amended to allow 4 wells per formation per 640-acre spacing unit located no closer than 660' to the spacing unit
Phillips	130	0	919,235	boundary, 1,320' between wells producing from the same formation with 150' geologic or topographic tolerance (Order 17-89). Allow 8 wells per spacing unit in 4 spacing units and reduce between-well distance to 990' with 150'
Bowdoin, Phillips	30	0	268,241	topographic tolerance (Order 8-92).
Phillips, Niobrara	5	0	8,124	
	2003 Production:	0	1,295,928	
Ator Creek				Cumulative Oil Production (Bbls): 35,128 Post-1986 Gas Production (MCF): 3,862
Red River	1	1,933	773	Single spacing unit comprised of W/2 NE/4 and E/2 NW/4, Sec. 36, T35N, R55E for production of oil from Red
	2003 Production:	1,933	773	River Formation (Order 73-96).
Autumn				Cumulative Oil Production (Bbls): 35,546
				Statewide.
Badlands				Post-1986 Gas Production (MCF): 4,473,516
Eagle	9	0	139,135	One Eagle Formation well per governmental section spacing unit located no closer than 990' to a section line
	2003 Production:	0	139,135	(Order 22-78).
Bainville				Cumulative Oil Production (Bbls): 1,159,720 Post-1986 Gas Production (MCF): 453,105
Mission Canyon	1	12,769	2,553	320-acre spacing unit for Winnipegosis Formation, 28N-58E-26: E/2 (Order 117-84). Spacing unit for Winnipegosis
Ratcliffe	1	4,773	283	28N-58E-20:E/2SE, 21, W/2SW, 28, W/2NW, 29, E/2NE (Order 18-88, Order 53-98). Red River spacing unit, 28N-
Winnipegosis	1	3,022	2,387	58E-28: W2 (Order 53-98). 320-acre Madison spacing unit, 28N-58E-28: E2 (Order 89-00).
Red River	2	38,977	32,578	
	2003 Production:	59,541	37,801	
Bainville (Ratcliffe/Mission Can	yon)			Cumulative Oil Production (Bbls): 58,299 Post-1986 Gas Production (MCF): 26,047
Ratcliffe	1	6,819	3,250	Single spacing unit consisting of S/2 NW/4 and N/2 SW/4 Sec. 13, T28N, R58E for production from the Mission
	2003 Production:	6,819	3,250	Canyon/Ratcliffe (Order 5-94).
Bainville II				Cumulative Oil Production (Bbls): 1,162,869 Post-1986 Gas Production (MCF): 667,901
Nisku	1	72,456	49,345	320-acre Red River spacing units; no well closer than 660' to the unit boundaries (Order 36-82). Field reduction
Red River	1	15,016	13,659	(Order 16-85). Single Red River spacing unit designated (Order 69-85). Single Madison Group spacing unit, NW/4
	2003 Production:	87.472	63,004	27N-59E-6 (Order 122-97). 320-ac. Nisku spacing unit, E2 27N-58E-2 (Order 52-02).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Bainville, North				Cumulative Oil Production (Bbls): 6,612,417 Post-1986 Gas Production (MCF): 4,437,147
Mission Canyon	1	7,831	6,188	320-acre spacing units for Winnipegosis and Red River consisting of two governmental quarter sections located in
Ratcliffe	6	46,051	40,961	one or two governmental sections; wells no closer than 660' to unit boundary and 1,650' to any well producing from
Nisku	6	55,336	49,874	the same formation (Order 84-79). Topographic tolerance of 150' (Order 39-80). Spacing units for production from the Nisku Formation (Orders 61-92, 57-96). Spacing unit for production from the Madison (Order 16-93).
Winnipegosis	4	114,735	106,072	Commingling authorized (Orders 34-97, 35-97, 112-97, 113-97). Nisku spacing unit, 29N-58E-31:N2 (Order 142-00).
Interlake	1	7,432	1,078	
Red River	9	183,690	172,322	
	2003 Production:	415,075	376,495	
Bainville, West				Cumulative Oil Production (Bbls): 338,871 Post-1986 Gas Production (MCF): 122,151
Ratcliffe	2	7,744	3,642	320-acre spacing units for Madison Group to consist of two governmental quarter sections that may be in either one
Nisku	1	20,704	1,952	or two governmental sections; location no closer than 660' to the unit boundary and 1,650' to another producing
Red River	1	3,129	3,508	well within the field (Orders 19-78, 42-79). 320-acre Red River spacing units aligned in east-west direction with permitted well to be no closer than 660' to unit boundary (Order 57-80). Nisku spacing unit, E2 28N-57E-34 (Order
	2003 Production:	31,577	9,102	50-02).
Bannatyne				Cumulative Oil Production (Bbls): 457,297
Swift	16	3,920	0	Delineated for production from the Swift and Madison Formations; wells to be located at center of 10-acre tracts,
Madison	5	1,268	0	50' topographic tolerance; commingling permitted (Order 20-58). Pilot waterflood of Swift Formation suspended in
	2003 Production:	5,188	0	1963.
Bascom				Cumulative Oil Production (Bbls): 27,830
			Field rules vacated.	
Battle Creek				Cumulative Oil Production (Bbls): 4,854 Post-1986 Gas Production (MCF): 43,651,038
Eagle	156	0	3,426,703	Originally delineated for production of gas from all formations from surface to top of Virgelle with one well per
Judith River	1	0	754	producing horizon per section located no closer than 990' to section line but allowing additional wells in each
Sawtooth	1	4,744	0	section no closer than 1,320' to wells producing from same horizon (Order 40-86). Include Lower Eagle and Upper Colorado intervals in a portion of the field (Order 76-92). Battle Creek, South: Four gas wells per horizon, 990'
Eagle, Claggett	2	0	63,146	setback from spacing unit boundaries (various orders). Field enlargement (Order 103-02).
Eagle, Niobrara	1	0	19,399	
	2003 Production:	4,744	3,510,002	
Beanblossom				Cumulative Oil Production (Bbls): 669,032 Post-1986 Gas Production (MCF): 39,897
Tyler	1	11,196	1,402	Three spacing units consisting of individual lots with one well per lot (Order 23-86).
	2003 Production:	11,196	1,402	
Bear's Den				Cumulative Oil Production (Bbls): 780,488 Post-1986 Gas Production (MCF): 227,789
Bow Island	1	0	1,550	Swift unit delineated and spacing waived in unitized portion of field (Order 5-89). Statewide spacing for non-unitized
Swift	7	4,018	0	lands and formations.
	2003 Production:	4,018	1,550	
Belfry				Cumulative Oil Production (Bbls): 101,245 Post-1986 Gas Production (MCF): 8,760 Statewide.
Bell Creek				Cumulative Oil Production (Bbls): 133,317,827 Post-1986 Gas Production (MCF): 70,240
Muddy	44	134,821	0	Originally 40-acre spacing units with location 660' from unit boundary with 150' tolerance for topographic reasons
,	2003 Production:	134,821	0	only (Orders 37-67, 39-67, 50-67, 1-69, 17-70). Tertiary recovery program (Order 25-80). Dissolution of existing enhanced recovery units and consolidation as the Bell Creek Consolidated (Muddy) Unit (Order 71-91). South Bell Creek (Muddy) Unit approved 6-28-90 (Order 24-90). Certification of Consolidated Unit (Order 44-96) and South Bell Creek Unit (Order 74-97) as expanded enhanced recovery projects.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Bell Creek, Southeast				Post-1986 Gas Production (MCF): 2,558,506
Muddy	2	0	104,609	160-acre spacing units for Muddy gas production, wells 660' from spacing unit boundary (Order 31-72).
	2003 Production:	0	104,609	
Benrud				Cumulative Oil Production (Bbls): 289,695 Post-1986 Gas Production (MCF): 14,992
				160-acre spacing for Devonian with wells no closer than 990' from spacing unit boundaries (Orders 1-62 and 44-62). Field rules amended to allow drilling not closer than 660' to the spacing unit boundaries (Order 6-65). Field reduction (Order 66-84).
Benrud, East				Cumulative Oil Production (Bbls): 2,989,998 Post-1986 Gas Production (MCF): 123,714
Nisku	1	2,485	0	160-acre spacing units for Nisku with permitted location within a 1,320' square in center of quarter section (Order 6-
	2003 Production:	2,485	0	65). Single Nisku Formation spacing unit consisting of Lots 3 and 4, Sec. 6, T30N, R48E (Orders 108-84 and 7-85).
Benrud, Northeast				Cumulative Oil Production (Bbls): 1,019,598 Post-1986 Gas Production (MCF): 17,551
,				Same as East Benrud Field (Order 6-65). Field enlargement (Order 26-66).
Berthelote				Cumulative Oil Production (Bbls): 70,669
Sunburst	3	584	0	Sunburst wells to be located 330' from lease lines; 660' between wells with no more than one well per government.
	2003 Production:	584	0	quarter-quarter section (Order 18-66).
Big Coulee				Post-1986 Gas Production (MCF): 3,701,085
Big Elk Sandstone	1	0	2,068	Statewide except for single spacing unit for production of gas from the Morrison Formation consisting of Sec. 29,
Third Cat Creek	3	0	40,803	TAN DOOF (Onless OF 00)
Morrison Formation	2	0	7,596	
Lakota, Morrison	3	0	248,830	
,	2003 Production:	0	299,297	
Big Gully				Cumulative Oil Production (Bbls): 114,493 Statewide.
Big Gully, North				Cumulative Oil Production (Bbls): 29,892 Statewide.
Big Muddy Creek	-			Cumulative Oil Production (Bbls): 1,413,574 Post-1986 Gas Production (MCF): 169,018
Duperow	1	8,939	8,863	One well per 320-acre spacing unit for Interlake and Red River with wells no closer than 660' from boundary of the
•	2003 Production:	8,939	8,863	four N/2-S/2 spacing units (Order 4-75).
Big Rock				Cumulative Oil Production (Bbls): 12,444 Post-1986 Gas Production (MCF): 6,215,271
Big Rock Colorado Shale	5	0	40,121	Cumulative Oil Production (Bbls): 12,444 Post-1986 Gas Production (MCF): 6,215,271 640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any
•	5 23	0	40,121 128,498	
Colorado Shale		_		640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any
Colorado Shale Blackleaf Formation	23	0	128,498	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any
Colorado Shale Blackleaf Formation	23 6	0	128,498 51,747	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any
Colorado Shale Blackleaf Formation Bow Island	23 6	0	128,498 51,747	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any governmental section line (Order 31-78). Amended to allow 2 wells per section in 5 sections (Order 64-85).
Colorado Shale Blackleaf Formation Bow Island  Big Wall	23 6 2003 Production:	0 0	128,498 51,747 220,366	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any governmental section line (Order 31-78). Amended to allow 2 wells per section in 5 sections (Order 64-85).  Cumulative Oil Production (Bbls): 8,454,953  Basal Amsden Sand and Amsden Dolomite spaced by old statewide spacing; 330' from lease or property line, 990' between wells in same reservoir (Order 12-54). Waterflood of Tyler "B" sand started August 1966 (Order 22-66). A
Colorado Shale Blackleaf Formation Bow Island  Big Wall Amsden	23 6 2003 Production:	0 0 0	128,498 51,747 220,366	640-acre spacing units for gas production from Blackleaf "A" Formation; location to be no closer than 990' to any governmental section line (Order 31-78). Amended to allow 2 wells per section in 5 sections (Order 64-85).  Cumulative Oil Production (Bbls): 8,454,953  Basal Amsden Sand and Amsden Dolomite spaced by old statewide spacing; 330' from lease or property line, 990'

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Bills Coulee				Post-1986 Gas Production (MCF): 564,110
Sunburst	1	0	11,054	Field without restrictions except that no well may be drilled closer than 330' to the exterior field boundary (Order 22-
	2003 Production:	0	11,054	80).
Black Butte				Post-1986 Gas Production (MCF): 1,477,094
Eagle	1	0	40,579	320-acre spacing units for gas production from the Eagle Sandstone consisting of either the N/2 and S/2 or E/2 and
-3	2003 Production:	0	40,579	W/2 of the section with wells to be no closer than 990' to exterior field boundaries nor closer than 660' to the in
	2000 1 100000000	· ·	.0,0.0	spacing unit boundaries (Order 134-80).
Black Coulee				Post-1986 Gas Production (MCF): 3,360,587
Eagle	6	0	318,077	320-acre Eagle spacing units; well to be located no closer than 990' to unit boundary (Order 6-73). Well location to
-	2003 Production:	0	318,077	be no closer than 660' to eastern boundary of Black Coulee Field (Order 37-79). Field enlargement (Order 71-79).
				Numerous exception locations.
Black Diamond				Cumulative Oil Production (Bbls): 667,941 Post-1986 Gas Production (MCF): 270,137
Mississippian, Devonian	1	2,005	0	320-acre spacing units for Duperow, Red River and Nisku Formations; well no closer than 660' to unit boundary
	2003 Production:	2,005	0	(Orders 147-81 and 51-86). Field enlarged (Order 15-87). Portion of existing field delineated for production from Ratcliffe Formation, Mission Canyon (Orders 32-89, 154-00).
Black Jack				Post-1986 Gas Production (MCF): 1,299,359
Second White Specks	1	0	2,045	Delineated for Sunburst and Swift with one gas well per 160 acre spacing unit, with well no closer than 660' to
Blackleaf Formation	1	0	455	spacing unit boundaries (Order 3-69). Order 3-69 amended to include Blackleaf Formation in spacing and field
Sunburst	10	0	55,656	rules (Order 4-74).
	2003 Production: 0 58,156			
Blackfoot				Cumulative Oil Production (Bbls): 1,802,900 Post-1986 Gas Production (MCF): 1,208,088
Dakota	6	0	27,833	Delineated for Cut Bank, Madison with one well per 40-acre spacing unit; 300' tolerance from center of spacing
Sunburst	1	0	188	unit; dual completion in Cut Bank and Madison with administrative approval (Order 3-57). Waterflood started
Bow Island, Dakota	2	0	10,408	November 1976 (Order 34-76). Blackfoot Shallow Gas: 640-acre spacing units; one well per section per producing
Cut Bank, Madison	5	6,681	0	horizon above the Kootenai located no closer than 990' to section boundaries (Order 121-80). Sunburst Sandstone spacing unit, 37N-6W-11:W2 SE (Order 1-00).
Sunburst, Dakota	1	0	2,155	Spacing unit, 5714 647 11.142 SE (Glaci 1 66).
	2003 Production:	6,681	40,584	
Blackfoot, East		•	•	Cumulative Oil Production (Bbls): 810
Biackioot, East				Field rules vacated.
Blackleaf Canyon				Cumulative Oil Production (Bbls): 32,922 Post-1986 Gas Production (MCF): 1,054,082
				Single 160-acre Madison spacing unit (Order 84-81). Knowlton Unit: Well spacing requirements suspended
				provided no well drilled to be closer than 990' to unit boundary (Order 47-81). Two 280-acre spacing units for Sun River (Order 25-85).
Bloomfield				Cumulative Oil Production (Bbls): 691,943 Post-1986 Gas Production (MCF): 312,420
Dawson Bay	1	3,553	1,967	320-acre spacing units for Interlake and Red River Formations consisting of two contiguous governmental quarter sections which need not be in the same section; wells located no closer than 660' to spacing unit boundaries (Order
Interlake	1	5,848	5,116	38-83). Dawson Bay Formation added and commingling of Dawson Bay, Interlake, and Red River formations
Red River	1	3,430	0	authorized (Order 16-84). Enlarged (Orders 32-84 and 26-89).
	2003 Production:	12,831	7,083	
Blue Hill				Cumulative Oil Production (Bbls): 162,251
				Statewide.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Blue Mountain				Cumulative Oil Production (Bbls): 175,026 Post-1986 Gas Production (MCF): 10,87
Red River	2	7,656	0	Statewide.
	2003 Production:	7,656	0	
Border				Cumulative Oil Production (Bbls): 1,499,262 Post-1986 Gas Production (MCF): 78,72
Cut Bank	5	2,941	0	Oil: Unitized into New and Old Border fields, 6-1-73 (Orders 8-73, 9-73). Gas: Location no closer than 330' to
Moulton	1	34	0	boundary of legal subdivision; 2,400' between wells in same formation on same lease; 75' topographic tolerance
	2003 Production:	2,975	0	(Order 7-54). Waterflood approved (Orders 8-73, 9-73, 28-73).
Boulder				Cumulative Oil Production (Bbls): 156,754 Statewide.
Bowdoin				Post-1986 Gas Production (MCF): 77,869,88
Bowdoin	165	0	1,594,763	One well per quarter section not less than 1,000' from lease boundary or less than 2,000' from any gas well in same
Greenhorn	2	0	11,186	horizon (Order 29-55). Unitized 1958. Delineated (Order 3-72). Spacing waived within lands participating in
Niobrara	1	0	6,958	Rowdoin and Hinsdale Units, 660' setback from unit boundaries (Order 135-97, 166-01). Delineation a
Phillips	153	0	2,668,810	Clarification that orders applicable to non-unit tracts include the Niobrara and Belle Fourche fms (Order 266-03).
Bowdoin, Greenhorn, Phillips	3	0	29,760	· · · · · · · · · · · · · · · · · · ·
Niobrara, Bowdoin, Belle Fourche	5	0	168,888	
Bowdoin, Phillips	119	0	1,502,473	
Bowdoin, Phillips, Belle Fourche	3	0	244,505	
Niobrara, Phillips, Belle Fourche	1	0	78,482	
Phillips, Niobrara	3	0	43,567	
Bowdoin, Niobrara	2	0	33,160	
Niobrara, Bowdoin, Phillips, B Four	che 37	0	1,691,424	
Bowdoin, Phillips, Niobrara	93	0	2,375,346	
· ·	2003 Production:	0	10,449,322	
Bowes				Cumulative Oil Production (Bbls): 11,178,423 Post-1986 Gas Production (MCF): 7,196,79
Eagle	46	0	385,555	Eagle Sandstone gas wells to be located 660' from boundary of legal subdivision and 1,320' from other wells in
Sawtooth	34	63,358	0	same formation with 75' topographic tolerance (Order 23-54). 160-acre Eagle spacing units in Sec. 5, 6, 7, 8, 17,
	2003 Production:	63,358	385,555	and 18, T31N, R19E (Order 44-75). Sawtooth (Piper) oil wells 330' from lease or property line, 990' between wells in the same formation (Order 13-54). Pilot waterflood initiated in 1961 and expanded to fieldwide waterflood in 196 utilizing water from Madison (Order 6-61). Vacuum pumps authorized (Order 74-83). Location and spacing requirements waived for lands committed to unit (Order 61-97). Expanded enhanced recovery unit designation (Order 85-97).
Box Canyon				Cumulative Oil Production (Bbls): 245,847 Post-1986 Gas Production (MCF): 55,90 Statewide.
Bradley				Cumulative Oil Production (Bbls): 274,452 Post-1986 Gas Production (MCF): 91,55
Bow Island	1	0	1,686	One well per formation per section for production of gas from all horizons above the top of the Kootenai Formation
Sunburst	1	625	0	(Order 91-84). Amended to allow two wells per spacing unit (Order 47-95).
	2003 Production:	625	1,686	
Brady				Cumulative Oil Production (Bbls): 260,079
Burwash	1	735	0	Originally delineated for Sunburst Sandstone; wells to be located at center of 10-acre spacing units with 75'
Sunburst	· ·			topographic tolerance (Orders 34-62, 55-62). Field enlargement; commingle production from Burwash and
Sundursi	6	3,357	0	topographic tolerance (Gracis 64 62, 66 62). Their chiral genterit, comminge production from Barwash and

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Bredette				Cumulative Oil Production (Bbls): 232,121 Field rules vacated.
Bredette, North				Cumulative Oil Production (Bbls): 488,554
				Field rules vacated.
Breed Creek				Cumulative Oil Production (Bbls): 2,824,281 Post-1986 Gas Production (MCF): 84,927
Tyler	11	98,312	11,944	Breed Creek Waterflood Unit approved; spacing waived within unitized area; wells to be located no closer than
	2003 Production:	98,312	11,944	330' to unit boundaries (Order 12-92). Certified as expanded enhanced recovery unit effective 9/1/94 (Order 90-94).
Broadview				Post-1986 Gas Production (MCF): 337,212 Single 640-acre Frontier spacing unit comprised of Sec. 35, T5N, R22E (Order 8-86).
Brorson				Cumulative Oil Production (Bbls): 5,225,354 Post-1986 Gas Production (MCF): 1,650,006
Madison	3	12,986	12,945	One well per 160-acre spacing unit, wells no closer than 660' from spacing unit boundary for Mission Canyon and
Mission Canyon	2	6,484	3,049	Red River Formations (Order 5-69). Field enlargement (Order 25-82). Spacing units for Stonewall, 23N-58E-5:
Ratcliffe	1	1,342	3,049 671	NW, SW (Order 26-01). Stonewall spacing unit, SW/4 24N-58E-33 (Order 14-02).
Duperow	1	1,342	256	
Interlake	2	14,631	13,204	
Red River	1	1,782	1,552	
Stonewall	3	72,340	45,042	
Mission Canyon, Bakken	2	13,641	11,497	
Wildow Carryon, Baraton	2003 Production:	123,206	88,216	
Brorson, South		-,	,	Cumulative Oil Production (Bbls): 2,413,986 Post-1986 Gas Production (MCF): 686,630
Mission Canyon	3	11,918		Delineated for Red River production with one well per 160-acre spacing unit, no closer than 660' from spacing unit
Bakken	1	3,395	3,888	boundary (Order 26-68). Reduced Field Area (Order 26-77).
Mission Canyon, Bakken	2	15,374	13,649	
•	2003 Production:	30,687	24,560	
Brown's Coulee				Post-1986 Gas Production (MCF): 1,529,452
Eagle	8	0	231,813	Delineated for Judith River and Eagle gas production; one well per 160-acre spacing unit located no closer than
	2003 Production:	0	231,813	660' to spacing unit boundary; commingling allowed upon administrative approval (Order 7-74). Eagle spacing units, S/2 SW 23-34N-13E and N/2 NW 26-34N-14E (Order 4-99); SW/4 34N-14E-23 (Order 215-03). Numerous location exceptions.
Brown's Coulee, East				Post-1986 Gas Production (MCF): 1,613,814
Eagle	8	0	629,204	Statewide.
	2003 Production:	0	629,204	
Brush Lake				Cumulative Oil Production (Bbls): 3,974,260 Post-1986 Gas Production (MCF): 949,232
Gunton	5	138,504	65,577	320-acre Red River spacing units with initially nine designated spacing units (Order 15-71). Permanent spacing
Red River	4	53,498	38,922	unit, Gunton and Stonewall, S2 33N-58E-11 (Order 13-02).
Stonewall	1	0	200	
	2003 Production:	192,002	104,699	
Buffalo Flat				Cumulative Oil Production (Bbls): 603 Post-1986 Gas Production (MCF): 53,954 Statewide.
Buffalo Lake				Cumulative Oil Production (Bbls): 936 Statewide.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Bullwacker				Post-1986 Gas Production (MCF): 18,129,848
Eagle	71	0	1,899,978	Delineated for Judith River and Virgelle/Eagle gas production with one well per 320-acre spacing unit no closer than
Judith River	1	0	2,794	660' to internal spacing unit boundaries and 990' to exterior field boundary (Order 26-74). Field enlarged (Order 63-
Judith River, Eagle	1	0	31,983	85). Numerous exception locations/increased density orders.
-	2003 Production:	0	1,934,755	
Burget				Cumulative Oil Production (Bbls): 6,504
· ·				Delineated for production of oil from Red River; 320-acre spacing units comprised of contiguous quarter sections, 660' setback, 1650' between wells, 150' topographic tolerance (Order 25-81).
Burget, East				Cumulative Oil Production (Bbls): 529,460 Post-1986 Gas Production (MCF): 71,539
Madison	1	3,047	0	Statewide.
Mission Canyon	1	4,004	0	
Ratcliffe	1	3,280	0	
Nisku	. 1	6.861	9,855	
	2003 Production:	17,192	9,855	
Burns Creek				Cumulative Oil Production (Bbls): 266,718
Red River	1	55	0	Statewide.
	2003 Production:	55	0	
Burns Creek, South				Cumulative Oil Production (Bbls): 80,199
				Statewide.
Butcher Creek				Cumulative Oil Production (Bbls): 579
				320' between producing wells with "heater" wells to be located no closer than 160' to producing wells (Order 17-60). Amended to authorize Greybull Formation wells no closer than 160' to other wells or 320' to exterior field boundaries; all wells may be utilized for steam stimulation (Order 100-81).
Bynum				Cumulative Oil Production (Bbls): 5,971 Statewide.
Cabaret Coulee				Cumulative Oil Production (Bbls): 447,266 Post-1986 Gas Production (MCF): 1,570
Madison	1	435	39	Statewide.
	2003 Production:	435	39	
Cabin Creek				Cumulative Oil Production (Bbls): 108,970,614 Post-1986 Gas Production (MCF): 8,084,553
Madison	5	20,225	15,546	Spacing waived and general rules suspended until present unit agreement becomes inoperative (Order 36-62).
Mission Canyon	1	22,199	1,540	Field boundaries amended and some spacing units designated (Order 118-84). Waterflood of Siluro-Ordovician
Siluro-Ordovician	104	1,077,232	381,529	(Orders 5-59, 15-60, and 30-63). Expanded enhanced recovery unit (Order 12-01).
Red River	7	25,358	0	
-	2003 Production:		398,615	
Cadmus				Cumulative Oil Production (Bbls): 1,173
				Statewide.
Camp Creek				Post-1986 Gas Production (MCF): 292,363
Eagle	1	0	11,309	Statewide.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Canadian Coulee				Cumulative Oil Production (Bbls): 2,145 Post-1986 Gas Production (MCF): 3,524 320-acre spacing units for Jurassic Sawtooth/Piper with well no closer than 660' to interior spacing unit boundary and 990' to field boundaries (Order 18-76).
Canadian Coulee, North				Post-1986 Gas Production (MCF): 29,920
•				640-acre spacing units for Jurassic Sawtooth. Wells to be no closer than 1,650' to section line (Order 15-74).
Canal				Cumulative Oil Production (Bbls): 1,434,622 Post-1986 Gas Production (MCF): 507,710
Madison	1	5,996	4,148	320-acre Red River spacing units consisting of E 1/2 and W 1/2 of governmental section (Order 34-70). 160-acre
Mission Canyon	1	3,225	5,790	Madison spacing units; wells no closer than 660' to unit boundary with 150' topographic tolerance (Orde
Ratcliffe	1	5,208	0	Permanent spacing unit, E/2, 23N-59E-7, for horizontal Ratcliffe well (Order 95-97).
Red River	1	8,315	11,338	
	2003 Production:	22,744	21,276	
Cannon Ball		,	, -	Cumulative Oil Production (Bbls): 74,779 Post-1986 Gas Production (MCF): 23,686 Statewide.
Carlyle				Cumulative Oil Production (Bbls): 330,289
				320-acre Red River spacing units, either the N/2 and S/2 or E/2 and W/2 of section or lots corresponding thereto; wells no closer than 660' to unit boundary or 1,650' to any well drilling to or producing from the same pool (Order 39 79). E 1/2 of 18-11N-61E designated as a spacing unit for Nisku Formation with permission to commingle production (Order 29-87).
Cat Creek				Cumulative Oil Production (Bbls): 24,115,874
Second Cat Creek	1	683	0	220' from lease or property line, 440' from every other well in same formation (Order 17-55). Three separate
Ellis Group	7	7,101	0	producing areas, East, Mosby, and West Domes. Field enlargement; upper and lower Brindley wells in Sec. 1,
Morrison Formation	2	2,515	0	T15N, R28E are to be no closer than 350' from other Morrison wells in said section (Order 101-82). Three Kootenai, two Ellis, and one Amsden waterflood approved (Orders 17-56, 18-59, 13-62, 8-68, 38-70, 11-7).
Amsden	2	6,837	0	Waterflood modified (Order 29-74).
Cat Creek 1 & 2	26	21,085	0	
	2003 Production:	38,221	0	
Cattails				Cumulative Oil Production (Bbls): 1,105,289 Post-1986 Gas Production (MCF): 711,201
Ratcliffe	7	35,512	39,153	160-acre spacing units for Ratcliffe zone; wells no closer than 660' to unit boundaries (Order 31-88).
	2003 Production:	35,512	39,153	
Cattails, South				Cumulative Oil Production (Bbls): 327,705 Post-1986 Gas Production (MCF): 226,133
Madison	2	4,379	4,980	160-acre spacing units for Ratcliffe zone; wells no closer than 660' to spacing unit boundaries. Horizontal wells
Ratcliffe	1	5,624	3,752	may cross spacing unit boundaries (Order 70-91).
	2003 Production:	10,003	8,732	
Cedar Creek			·	Post-1986 Gas Production (MCF): 57,530,494
Eagle	427	0	13,297,669	320-acre Eagle Formation spacing units for a portion of the area, with wells in center of NW 1/4 and SE 1/4 of each
Judith River		0	5,833	section with 200' topographic tolerance (Order 1-61). Delineation amendments (Order 23-76 and 32-86). Order 33
Judith River, Eagle	1	0	7,162	54 (original delineation) vacated, and a portion of the lands included in Order 1-61 removed (Order 32-86). Spacing
- , - <b></b>	2003 Production:	0	13,310,664	in Baker North Eagle Unit waived; 660' setback from unit boundaries (Order 93-94). Two Eagle Fm. wells per spacing unit for a portion of field (Order 4-97). 160-acre spacing for Fed. Units 8A & 8B, 660' setback, 460' topographic tolerance (Order 61-98). Spacing waived, Unit 8A (Order 139-01). Field enlargement (Order 134-03). Increased density (Order 267-03). Topographic tolerance (Order 268-03). Numerous spacing/location exceptions.
Chain Lakes				Post-1986 Gas Production (MCF): 10,335 Statewide.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Charlie Creek				Cumulative Oil Production (Bbls): 1,040,659 Post-1986 Gas Production (MCF): 315,279
Bakken	1	5,218	3,530	Delineated for Red River, Duperow, and Nisku with 320-acre spacing units, east-west or north-south at option of
Dawson Bay	1	20,347	8,385	operator; well no closer than 660' to spacing unit boundary and no closer than 1,650' to another producing well;
	2003 Production:	25,565	11,915	spacing units may not cross section lines; commingling upon administrative approval (Order 66-76). Single 320 acre spacing unit for Dawson Bay oil production (Order 3-95).
Charlie Creek, East				Cumulative Oil Production (Bbls): 1,032,801 Post-1986 Gas Production (MCF): 543,491
Red River	1	6,418	0	Two 160-acre spacing units for Duperow Formation (Order 47-87). Two 320-acre spacing units for Red River
Red River, Nisku	1	14,395	8,240	Formation (Order 38-88). Nisku spacing unit, 25N-55E-9: NE, 10:NW (Order 38-00).
	2003 Production:	20,813	8,240	
Charlie Creek, North				Cumulative Oil Production (Bbls): 43,894 Post-1986 Gas Production (MCF): 77,794 Single Red River spacing unit (Order 37-82).
Chelsea Creek				Cumulative Oil Production (Bbls): 147,324 Post-1986 Gas Production (MCF): 13,516
Nisku	1	3,392	2,440	Statewide.
	2003 Production:	3,392	2,440	
Chinook, East				Post-1986 Gas Production (MCF): 178,523
Eagle	4	0	90,490	Statewide.
	2003 Production:	0	90,490	
Chip Creek				Post-1986 Gas Production (MCF): 21,321
Eagle	2	0	3,537	160-acre spacing units for Virgelle/Eagle and shallower formations; location no closer than 660' to spacing unit
	2003 Production:	0	3,537	boundary (Order 89-76).
Clark's Fork				Cumulative Oil Production (Bbls): 98,082 Post-1986 Gas Production (MCF): 408,994
Greybull	1	548	22,748	330' from quarter-quarter section line; 1,320' between wells with 75' topographic tolerance (Order 17-54).
	2003 Production:	548	22,748	
Clark's Fork, North				Cumulative Oil Production (Bbls): 1,024,608
				Delineated for production of gas condensate from Lakota Fm.; 160-acre spacing units, 660' setback from spacing unit boundaries.
Clark's Fork, South				Cumulative Oil Production (Bbls): 83,976 Post-1986 Gas Production (MCF): 30,060
Greybull	1	906	6,581	160-acre spacing for Frontier and deeper horizons; location no closer than 330' from quarter section line or 1,320'
•	2003 Production:	906	6,581	from any other well (Order 21-69).
Clear Lake				Cumulative Oil Production (Bbls): 4,338,597 Post-1986 Gas Production (MCF): 1,461,057
Mission Canyon	2	8,400	3,994	Statewide, plus single spacing unit for Madison and Nisku consisting of E/2 NW/4 and W/2 NE/4 Sec. 8, T33N,
Ratcliffe	1	4,575	1,077	R58E (Order 21-94).
Duperow	1	7,900	0	
Nisku	1	4,201	5,202	
Red River	4	56,294	32,367	
	2003 Production:	81,370	42,640	
Clear Lake, South				Cumulative Oil Production (Bbls): 271,672 Post-1986 Gas Production (MCF): 77,550
Red River	2	25,458	15,486	Statewide, plus permanent Red River/Nisku spacing unit, S2 33N-58E-33 (Order 133-03).
	2003 Production:			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Coal Coulee				Post-1986 Gas Production (MCF): 530,640
Eagle	4	0	60,750	One Eagle well per governmental section, to be located no closer than 990' to section line and only one well
	2003 Production:	0	60,750	permitted per formation (Order 25-78). Amendment provides 320-acre spacing units to be designated by the operator within certain sections; well to be located no closer than 990' to spacing unit boundary (Order 36-79).
Coal Mine Coulee				Post-1986 Gas Production (MCF): 438,888
Eagle	4	0	10,064	Delineated for Judith River and Eagle Formations with 4 wells per 640-acre spacing unit per formation, wells no
Judith River	1	0	39	closer than 990' to the exterior boundaries of the field and no closer than 660' to spacing unit boundaries with 150'
Second White Specks	1	0	9	topographic tolerance (Order 1-90).
	2003 Production:	0	10,112	
Coalridge				Cumulative Oil Production (Bbls): 22,937 Post-1986 Gas Production (MCF): 87 Statewide.
Colored Canyon				Cumulative Oil Production (Bbls): 1,215,670 Post-1986 Gas Production (MCF): 388,278
Interlake	1	35	0	Two designated Red River spacing units (Orders 28-84,115-97). Single 160-acre Nisku spacing unit (Order 86-85)
Red River	3	21,283	32,324	
	2003 Production:	21,318	32,324	
Comertown				Cumulative Oil Production (Bbls): 3,068,643 Post-1986 Gas Production (MCF): 608,493
Ratcliffe	2	11,727	5,765	320-acre Red River spacing units; wells no closer than 660' to spacing unit boundary (Order 35-80). Field
Nisku	1	3,680	5,692	1 (0 1 0 04 1450 04)
Red River	4	32,228	15,798	
	2003 Production:	47,635	27,255	
Comertown, South				Cumulative Oil Production (Bbls): 507,836 Post-1986 Gas Production (MCF): 133,373
Red River	1	11,985	7,252	320-acre designated spacing units, wells no closer than 660' to spacing unit boundaries (Order 96-84). Enlarged
	2003 Production:	11,985	7,252	(Order 20-85).
Conrad, South				Cumulative Oil Production (Bbls): 161,773 Post-1986 Gas Production (MCF): 109,346
Bow Island	1	0	1,430	Delineated for Dakota production with 10-acre spacing units. Wells in center of each unit with 75' topographic
	2003 Production:	0	1,430	tolerance (Orders 34-62, 31-63).
Corner Pocket				Cumulative Oil Production (Bbls): 14,483
				Statewide.
Cottonwood				Cumulative Oil Production (Bbls): 584,069 Post-1986 Gas Production (MCF): 183,770
Ratcliffe	4	34,097	21,167	Single 320-acre Red River spacing unit (Order 85-84). Amended to include Ratcliffe (Order 54-92).
	2003 Production:	34,097	21,167	g
Cottonwood, East		•	· · · · · · · · · · · · · · · · · · ·	Cumulative Oil Production (Bbls): 132,585 Post-1986 Gas Production (MCF): 35,922
Ratcliffe	1	6,932	1,820	Statewide.
	2003 Production:	6,932	1,820	
Cow Creek		•	•	Cumulative Oil Production (Bbls): 127,813
				80-acre Charles spacing units, direction at option of operator but wells to be in SW 1/4 and NE 1/4 of each quarter section (Order 11-69).
Cow Creek. East				Cumulative Oil Production (Bbls): 2,745,334
Cow Creek, East				
Kibbey	5	9,392	0	40-acre spacing units for Charles and Kibbey Formations consisting of guarter-guarter section with permitted well to

Field, Reported Formation	# of Wells	Oil, Bbls	Bbls Gas, MCF	Cumulative Production And Regulation Summary		
Crane				Cumulative Oil Production (Bbls): 3,285,115 Post-1986 Gas Production (MCF): 1,967,312		
Ratcliffe	1	13,897	8,679	320-acre spacing units for Red River and Duperow Formations consisting of one half of a section; wells to be no		
Duperow	2	26,007	14,497	closer than 660' to spacing unit boundary and 1,650' to any well drilling to or producing from the same pool (Order		
Red River	3	96,710	69,806	40-79). Madison/Duperow 320-acre spacing unit, 22N-58E-35:SE, 36:SW (Order 84-00). Drilling/production exceptions (Orders 27-01, 165-01).		
Duperow, Mission Canyon	1	2,023	928	6x6cptions (Orders 27 01, 100 01).		
	2003 Production:	138,637	93,910			
Crocker Springs, East				Cumulative Oil Production (Bbls): 3,476		
				Statewide (Order 68-82 which established 80-acre spacing units was vacated by Order 37-87).		
Crooked Creek				Cumulative Oil Production (Bbls): 28,471 Statewide.		
Culbertson				Cumulative Oil Production (Bbls): 175,652 Statewide.		
Cupton				Cumulative Oil Production (Bbls): 2,943,166 Post-1986 Gas Production (MCF): 411,354		
Red River	4	39,989	8,717	160-acre quarter section spacing units for Red River Formation. Location no closer than 660' to spacing unit		
	2003 Production:	39,989	8,717	boundary (Order 4-72).		
Cut Bank				Cumulative Oil Production (Bbls): 169,827,991 Post-1986 Gas Production (MCF): 45,121,363		
Blackleaf Formation	2	0	4,569	Oil: 330' from legal subdivision line, 650' between wells in same formation 5-spot on 40-acre tract permitted; 75'		
Bow Island	33	12	208,847	topographic tolerance (Order 10-54). Gas: 330' from legal subdivision, 2,400' between wells in same formation; 75'		
Cut Bank	545	295,444	1,718,465	topographic tolerance except for setback from legal subdivision boundary (Order 10-54). Sec. 20, 29, and T36N, R4W spaced 320-acres (N 1/2 and S 1/2) (Order 26-70). Cut Bank Special Spacing area: E 1/2 are		
Dakota	2	0	3,626	spacing units with wells to be located no closer than 330' to legal subdivision line nor less than 2,400' from any well		
Kootenai	3	0	15,913	in the same reservoir (Orders 82-76, 6-77). Field extension (Order 3-79). Delineation to include all formations from		
Lander	6	1,612	8,799	surface to base of Madison Formation (Order 45-80). Field enlarged (Orders 68-83, 13-85). Additional wells in selected spacing units in Special Spacing area (Orders 14-93, 51-93, 2-94). SCCBSU approved (Order 88-85).		
Moulton	22	12,924	126,071	Cut Bank-Airport Unit approved (Order 26-92). Airport Unit vacated, Westbank Unit approved (Order 32-97).		
Sunburst	17	987	31,706			
Madison	39	69,396	13,824			
Bow Island, Blackleaf	1	0	8,829			
Cut Bank, Bow Island	1	0	5,040			
Cut Bank, Madison	1	2,417	0			
Bow Island, Moulton, Sunburst	1	0	4,023			
Moulton, Sunburst	1	54	0			
	2003 Production:	382,846	2,149,712			
СХ				Post-1986 Gas Production (MCF): 28,801,930		
Carney Coal	87	0	3,105,692	Temporary designation, 160-acre spacing units, surface to base Fort Union; four wells per spacing unit, 220'		
Dietz 1 Coal	34	0	784,185	setback from spacing unit boundaries (Order 108-97). Publication of intent to drill waived (Order 35-98).		
Dietz 2 Coal	12	0	78,480	Permanent spacing (Order 174-00). Field enlargement (Order 100-03).		
Dietz 3 Coal	25	0	279,289			
Monarch Coal	89	0	1,714,204			
Carney, Monarch	1	0	88			
Dietz 1, Dietz 2 Coals	13	0	57,523			
Dietz 2, Dietz 3 Coals	20	0	647,134			
Dietz 1, 2, 3	43	0	563,350			
	2003 Production:	0	7,229,945			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Dagmar				Cumulative Oil Production (Bbls): 732,307 Post-1986 Gas Production (MCF): 234,936
Red River	2	15,638	14,867	Statewide.
	2003 Production:	15,638	14,867	
Dagmar, North				Cumulative Oil Production (Bbls): 55,342 Post-1986 Gas Production (MCF): 3,808
				Delineated for production from the Red River Formation with 320-acre, E/2 and W/2 spacing units, 660' setback from spacing unit boundaries.
Deadman's Coulee				Cumulative Oil Production (Bbls): 264,528 Statewide.
Dean Dome				Cumulative Oil Production (Bbls): 92,597 Statewide.
Deer Creek				Cumulative Oil Production (Bbls): 2,963,132 Post-1986 Gas Production (MCF): 1,135,110
Charles	6	47,226	49,309	80-acre spacing units for Interlake and Red River consisting of any two adjacent quarter-quarter sections. Well
	2003 Production:	47,226	49,309	location in NE 1/4 and SW 1/4 of each quarter section with 75' topographic tolerance (Orders 23-55 and 14-59). Well location amendment. (Order 10-86) Commingling of production from the Interlake, Stony Mountain, Red River, and Charles with administrative approval (Order 18-63). 80-acre Charles Fm spacing unit, E/2 NE/4, 17N-53E-22 (Order 75-97). Regular section spacing units for Charles Fm horizontal wells (Orders 20-97, 90-97, 91-97, 118-97). Tyler spacing unit, E/2 NE 35-17N-53E (Order 51-98).
Delphia				Cumulative Oil Production (Bbls): 365,428
Amsden	2	1,830	0	Statewide.
	2003 Production:	1,830	0	
Den				Cumulative Oil Production (Bbls): 176,125
				Single spacing unit for production of oil from Charles and Mission Canyon Formations (Order 34-95).
Devil's Basin				Cumulative Oil Production (Bbls): 133,627
Tyler	1	272	0	10-acre spacing units for Heath Formation; well location to be in the center of each spacing unit with a 75' tolerance
Heath	3	629	0	for topographic or geologic reasons (Order 114-80). Certain lands removed from field (Orders 103-94, 64-97).
	2003 Production:	901	0	
Devil's Pocket				Cumulative Oil Production (Bbls): 53,796
Dovin o F donor				40-acre spacing units for Heath Formation; wells no closer than 165' to spacing unit boundary (Order 34-85).
Devon				Post-1986 Gas Production (MCF): 2,357,930
Bow Island	24	0	104,795	160-acre spacing units for production of gas, all formations from surface to top of Kootenai Formation; wells located
DOW ISIATIU	2003 Production:	0	104,795	no closer than 330' to quarter section lines and 660' to exterior boundaries of field, existing wells excluded (Order
	2003 Floudciion.	Ü	104,733	32-83). Field enlarged, amended to provide 320-acre spacing units for Bow Island Formation; wells located no closer than 660' to interior spacing unit line and 990' to section lines (Order 50-86). Field enlargement (Order 5-88). Permanent spacing unit, Bow Island, S2 32N-2E-23 (Order 186-02).
Devon, East				Post-1986 Gas Production (MCF): 475,517
Bow Island	9	0	88,302	320-acre spacing units for Bow Island gas production consisting of any two contiguous quarter sections; wells
	2003 Production:	0	88,302	located no closer than 660' to spacing unit boundaries (Order 42-86). Field enlarged (Order 26-87, 149-00).
Devon, South				Post-1986 Gas Production (MCF): 8,861
Bow Island	1	0	1,080	Delineated for gas production from all horizons above the top of the Kootenai with 320-acre spacing units; wells
	2003 Production:	0	1,080	located no closer than 660' to unit boundaries (Order 24-84). Field enlarged (Order 11-87).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Devon, South Unit				Post-1986 Gas Production (MCF): 314,773
Bow Island	5	0	54,043	South Devon Unit (Bow Island) drilled on statewide spacing and unitized for primary production (Order 28-71).
	2003 Production:	0	54,043	
Diamond Point				Cumulative Oil Production (Bbls): 1,164,248 Post-1986 Gas Production (MCF): 563,896
Interlake	1	11,994	7,965	320-acre spacing unit with two wells to produce from the Red River or from commercial production at any depth
Red River	1	7,489	1,604	shallower (Order 20-80).
	2003 Production:	19,483	9,569	
Divide				Cumulative Oil Production (Bbls): 3,415,380 Post-1986 Gas Production (MCF): 994,416
Madison	1	3,592	2,616	Ratcliffe and Mission Canyon 160-acre spacing units, no closer than 660' to spacing unit boundaries and 1600'
Ratcliffe	4	34,700	20,492	between wells; 150' topographic tolerance excluding boundary setback (Order 7-81).
Red River	5	37,973	15,167	
	2003 Production:	76,265	38,275	
Dooley				Cumulative Oil Production (Bbls): 374,719 Post-1986 Gas Production (MCF): 140,149
Ratcliffe	3	8,052	2,381	Statewide.
	2003 Production:	8,052	2,381	
Dry Creek				Cumulative Oil Production (Bbls): 4,169,305 Post-1986 Gas Production (MCF): 10,453,539
Eagle	3	534	292,051	Field delineated for Frontier gas production with E 1/2 or W 1/2 of sections as spacing units (Order 8-70). West
Frontier	14	26	294,639	Dome gas storage project approved (Order 31-66). Enlarged (Order 69-92). Order 8-70 modified to allow N 1/2 or
Judith River	2	0	27,505	S 1/2 of section as spacing units (Order 31-76).
Greybull	2	348	71,356	
Greybuli	2003 Production:	908	685,551	
Dry Creek (Shallow Gas)				Cumulative Oil Production (Bbls): 596 Post-1986 Gas Production (MCF): 1,086,991
Eagle	1	206	88,509	160-acre spacing units with 1 well per productive horizon above Cody Shale per spacing unit; location no closer
Judith River, Claggett, Eagle, Virge	lle 1	0	30,648	than 660' to spacing unit boundaries (Order 54-76). Additional wells (Order 13-90).
, 65 , 6 ,	2003 Production:	206	119,157	
Dry Creek, Middle				Cumulative Oil Production (Bbls): 18,739 Post-1986 Gas Production (MCF): 560,851
Eagle	1	407	10,930	320-acre spacing units for Frontier gas production consisting of two adjacent governmental quarter sections lying
Frontier	2	0	12,829	north-south or east-west at operator's option; permitted well no closer than 660' to spacing boundary (Order 25-75).
	2003 Production:	407	23,759	
Dry Creek, West				Cumulative Oil Production (Bbls): 14,971 Post-1986 Gas Production (MCF): 472,637
Frontier	1	148	49,003	Originally 160-acre spacing units for Greybull Sandstone; well location anywhere in spacing unit but no closer than
Greybull	2	296	58,760	660' to unit boundary (Order 43-78); amended to include Frontier Formation (Order 65-82). Field enlargement
•	2003 Production:	444	107,763	(Order 86-82).
Dry Fork				Post-1986 Gas Production (MCF): 390,942
Bow Island	6	0	13,467	One well per section per horizon above top of Kootenai; wells no closer than 990' to spacing unit boundaries (Order
	2003 Production:	0	13,467	32-82).
Dugout Creek				Cumulative Oil Production (Bbls): 494,191 Post-1986 Gas Production (MCF): 537,248
Red River	1	81,506	120,532	Delineated for production from Red River with 320-acre spacing units, 660' setback from boundaries (Order 22-
	2003 Production:	81,506	120,532	82). Field enlargement, S/2 26N-55E-15 (Order 98-98).
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Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Dunkirk				Post-1986 Gas Production (MCF): 1,588,330
Dakota	13	0	77,301	One well per section for each producing zone, formation, or horizon above Kootenai Formation, no closer than 990'
	2003 Production:	0	77,301	to section lines (Order 58-81). Field enlargements (Orders 104-81 and 66-82).
Dunkirk, North				Cumulative Oil Production (Bbls): 19 Post-1986 Gas Production (MCF): 3,853,660
Bow Island	28	0	118,206	One well per governmental section per Bow Island zone or horizon. Wells to be located no closer than 990' to
Sunburst	1	0	569	section line (Order 25-77). Amended to allow 4 wells per section located no closer than 1,320' to another well
Swift	1	0	8,944	producing from the same horizon (Order 7-89). Field enlargements (Orders 64-78, 157-81 and 6-89). Field reductions (Order 61-91, 6-95). Include Sunburst and Swift formations in 3 sections, 4 wells per formation per
	2003 Production:	0	127,719	
Dunkirk, South				
,				Wildcat.
Dutch Henry				Cumulative Oil Production (Bbls): 104,164
,				Statewide plus two designated 160-acre spacing units (Orders 95-94 and 96-94).
Dutch John Coulee				Cumulative Oil Production (Bbls): 281,966 Post-1986 Gas Production (MCF): 1,389,960
Sunburst	4	6,511	42,874	Sunburst sand unitization and gas repressuring project approved; operator may drill additional wells anywhere in
Caribarot	2003 Production:	6,511	42.874	unit but no closer than 330' to unit boundaries (Order 27-88).
Dwyer		-,-	,-	Cumulative Oil Production (Bbls): 9,560,324 Post-1986 Gas Production (MCF): 747,634
Charles	6	31,310	10,373	160-acre Madison spacing units; well location in center of SE 1/4 of spacing units with 175' topographic tolerance
Ratcliffe	5	55,327	25,038	(Orders 25-60, 29-61). Field reduction (Order 30-85). Single 320-acre Nisku spacing unit (Order 30-87). Waterfloor
Red River	3	33,126	20,275	(Order 20-68). Single Red River spacing unit with 2 wells (Order 97-83). Single 320-acre Winnipegosis spacing
Red River	2003 Production:	119,763	55,686	unit (Order 10-91). Exception to produce Ratcliffe (Order 60-96). Duperow spacing unit, NE Sec. 11, NW Sec. 12, T32N, R58E (Order 28-98). Expanded enhanced recovery project certification (Order 60-03).
Eagle				Cumulative Oil Production (Bbls): 2,300,883 Post-1986 Gas Production (MCF): 871,721
Madison	3	10.229	6.575	Statewide.
Mission Canyon	5	6,110	0,575	Cialcovide.
Ratcliffe	3	2,204	0	
ratomo	2003 Production:	18,543	6,575	
Eagle Springs	2000 1 100000011.	. 5,5 10	5,010	Post-1986 Gas Production (MCF): 239,458
Bow Island	3	0	7,351	One well per governmental section per zone, located no closer than 990' to section line for all gas zones above the
Sunburst	1	0	1,093	top of the Rierdon Formation; commingling of Swift and Sunburst permissible (Orders 4-78, 19-79). Enlargement
Caribatot	2003 Production:	0	8,444	(Order 20-93).
East Glacier			-,	Cumulative Oil Production (Bbls): 27,377
Greenhorn	1	532	0	160-acre spacing units for Greenhorn (Order 41-81). Enlarge field and designation of 80-acre spacing units;
	2003 Production:	532	0	permitted well to be located no closer than 330' to the exterior boundaries (Order 112-81).
Elk Basin				Cumulative Oil Production (Bbls): 89,803,181 Post-1986 Gas Production (MCF): 6,359,168
Frontier	15	20,124	7,433	Spacing waived within unit areas (Order 10-61). Frontier: Water injection (Order 1-72). Embar-Tensleep pressure
Madison	15	157,459	58,714	maintenance by crestal gas injection. Waterflood approved in 1966 (Order 5-66). Madison: Water injection (Order
Embar, Tensleep	26	276,174	425,544	17-61). Frontier exception locations (Orders 35-, 36-, 37-01). Frontier spacing unit (Order 1-02).
, -1	2003 Production:	453,757	491,691	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Elk Basin, Northwest				Cumulative Oil Production (Bbls): 2,595,154 Post-1986 Gas Production (MCF): 700,461		
Frontier	4	1,175	3,884	Spacing waived within unitized portion except that bottom of hole be no closer than 330' from unit boundary and		
Cloverly	1	339	143	there be at least 1,320' surface distance between wells in same formation; 75' topographic tolerance (Orders 43-63,		
Madison	4	42,536	10,460	28-64). Embar-Tensleep waterflood (Order 3-67, 6-74).		
Embar, Tensleep	1	653	163			
	2003 Production:	44,703	14,650			
Elm Coulee				Cumulative Oil Production (Bbls): 3,751,501 Post-1986 Gas Production (MCF): 1,999,080		
Bakken	65	2,687,533	1,358,734	Numerous individual orders for Bakken Formation spacing; area generally developed with 640-acre or 1280-acre		
	2003 Production:	2,687,533	1,358,734 spacing units and includes lands with existing field names applicable to other formations	spacing units and includes lands with existing field names applicable to other formations.		
Enid, North				Cumulative Oil Production (Bbls): 519,871 Post-1986 Gas Production (MCF): 236,743		
Red River	3	32,810	8,306	Spaced for one-well Red River field, NE 1/4 of Section 10 and NW 1/4 of Section 11, T23N, R54E (Order 45-79).		
	2003 Production:	32,810	8,306			
Epworth				Cumulative Oil Production (Bbls): 98,332 Post-1986 Gas Production (MCF): 34,890		
Bakken	1	4,301	3,530	Statewide.		
	2003 Production:	4,301	3,530			
Ethridge		·	·	Post-1986 Gas Production (MCF): 1,736,765		
Swift	9	0	71,010	320-acre spacing units for Swift Formation; well locations no closer than 660' to unit boundaries (Order 4-90). Field		
O mine	2003 Production:	0	71,010	enlarged (Order 4-92).		
Ethridge, North	2000 1 10000		,	Post-1986 Gas Production (MCF): 412,290		
	5	0	9,425	320-acre spacing units for horizons above Rierdon; well location to be no closer than 660' to unit boundaries;		
Bow Island	2003 Production:	0		Section 2, T33N, R4W to remain a 640-acre spacing unit (Order 98-81). Designation of a 640-acre spacing unit fo		
	2000 T Toddollott.	· ·	9,425 Section 2, 133N, R4W to remain a 640-acre spacing unit (Order 98-81). Designation Third Bow Island Sand gas production (Order 66-93).	Third Bow Island Sand gas production (Order 66-93).		
Fairview				Cumulative Oil Production (Bbls): 9,909,267 Post-1986 Gas Production (MCF): 3,839,944		
Madison	1	3,424	0	160-acre spacing units; wells located no closer than 660' to unit boundary (Orders 48-65, 1-67, 43-67, 44-67, 38-		
Mission Canyon	2	3,302	364	84). Field reduction (Order 119-84). Enlargement (Order 16-87). Northwest part of field unitized for gas injection		
Ratcliffe	4	12,911	4,845	(Order 11-70). Spacing exception, 25N-58E-14:SE (Order 143-00).		
Duperow	1	5,227	1,380			
Red River	6	63,349	83,622			
	2003 Production:	88,213	90,211			
Fairview, East				Cumulative Oil Production (Bbls): 494,829 Post-1986 Gas Production (MCF): 161,436		
Duperow	1	6,207	3,801	320-acre designated Red River spacing units (Order 76-81).		
·	2003 Production:	6,207	3,801			
Fairview, West				Cumulative Oil Production (Bbls): 518,780 Post-1986 Gas Production (MCF): 135,515		
Madison	1	2,032	1,861	Statewide.		
Ratcliffe	2	9,874	14,277			
	2003 Production:	11,906	16,138			
Fertile Prairie		,	-,	Cumulative Oil Production (Bbls): 807,540 Post-1986 Gas Production (MCF): 75,495		
i Gruic i lairie				80-acre north-south Red River spacing units; location in NW 1/4 and SE 1/4 of quarter section with 75' topographic		
				tolerance (Orders 3-56, 7-62). Amended to provide well locations for each 80-acre spacing unit to be the center of the SW or NE quarter quarter section of each quarter section with 75' tolerance for surface obstructions (Order 65-80). Field enlargement (Order 70-94). Field rules vacated for Red River Formation (East Lookout Butte (Red River) unit, Order 70-95).		

ield, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Fiddler Creek				Cumulative Oil Production (Bbls): 2,574 Statewide.		
Fishhook				Cumulative Oil Production (Bbls): 1,295,400 Post-1986 Gas Production (MCF): 243,402		
Madison	1	2,253	0	Statewide.		
Red River	3	30,949	20,062			
	2003 Production:	33,202	20,062			
Fitzpatrick Lake				Cumulative Oil Production (Bbls): 257 Post-1986 Gas Production (MCF): 1,599,522		
Bow Island	9	0	76,961	One well per governmental section located no closer than 990' to section line for all gas zones above the top of the		
Sunburst	1	0	3,495	Kootenai (Order 31-79). Field enlarged (Orders 113-84 and 2-92). Authorization to complete two Swift Formation		
	2003 Production:	0	80,456	gas wells in Sec. 10, T36N, R4W (Order 50-93). Sec. 14 & 15, T36N, R4W delineated for formations above Swift and below Bow Island; 320-acre spacing units consisting of two regular quarter sections in one or two sections; 660' setback from spacing unit boundaries (Order 1-94). Field reduction, enlargement, rule amendements (Orders 123-01, 88-03).		
Flat Coulee				Cumulative Oil Production (Bbls): 5,636,206 Post-1986 Gas Production (MCF): 979,403		
Bow Island	3	0	13,910	Bow Island Gas: wells to be 330' from boundary of legal subdivision and 1,320' from other wells in same reservoir		
Dakota	2	0	12,690	(Orders 36-54, 16-55). Sawtooth/Swift oil: 40-acre spacing units; well in center of spacing unit with 150'		
Swift	12	43,748	7,517	topographic tolerance (Orders 16-62, 19-63). Waterflood unit and redelineation approved for Swift sandstone (Orders 13-71, 17-A-71, 22-71).		
Bow Island, Dakota	1	0	7,015	(Orders 13-71, 17-A-71, 22-71).		
Dakota, Swift 1 0 122 2003 Production: 43,748 41,254	1	0	122			
Flat Lake				Cumulative Oil Production (Bbls): 19,310,974 Post-1986 Gas Production (MCF): 2,271,881		
Ratcliffe	28	145,782	89,420	160-acre Madison spacing units; well location in center of NE 1/4 of quarter section with 200' topographic tolerance;		
Nisku	14	154,735	133,720	wells no closer than 961' to North Dakota state line and no closer than 1,600' to Canadian line (Orders 10-65,		
Red River, Nisku	1	20,337	16,330	amended; 43-65, 23-66, 33-66). Unit operation for eastern part of field (Order 7-71). Unit operation for western part of field (Order 32-74). Lower Ratcliffe pemanent spacing unit NE/4 Sec. 13 and NW/4 Sec. 18, 37N-57E		
	2003 Production:	320,854	239,470	(Order 22-97). Nisku unit approved (Orders 112-00, 118-00, 62-03). E. Flat Lake Unit, expanded unit certified (Order 61-03).		
Flat Lake, East				Cumulative Oil Production (Bbls): 206,085 Post-1986 Gas Production (MCF): 8,254		
Madison	1	11,789	4,480	Single 160-acre Madison spacing unit (Order 103-84).		
	2003 Production:	11,789	4,480			
Flat Lake, South				Cumulative Oil Production (Bbls): 1,282,713 Post-1986 Gas Production (MCF): 22,374		
Ratcliffe	2	1,659	0	160-acre spacing units for Ratcliffe (Order 2-67); Wells may be located anywhere within the spacing unit but no		
	2003 Production:	1,659	0	closer than 660' to any unit boundary (Order 49-80).		
Flaxville				Cumulative Oil Production (Bbls): 56,283 Post-1986 Gas Production (MCF): 1,414		
i idaville				160-acre Madison spacing units; permitted wells to be no closer than 660' to the exterior boundaries of the unit		
				(Order 105-82). 150' tolerance for topographic reasons (Order 124-82).		
Fort Conrad				(Order 105-82). 150' tolerance for topographic reasons (Order 124-82).  Post-1986 Gas Production (MCF): 686,523		
Fort Conrad Bow Island	11	0	12,256			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Fort Gilbert				Cumulative Oil Production (Bbls): 2,593,441 Post-1986 Gas Production (MCF): 622,537
Madison	3	9,797	0	160-acre Ratcliffe/Mission Canyon spacing units; wells no closer than 660' to unit boundary with 150' topographic
Mission Canyon	1	4,374	3,085	tolerance (Order 94-81). Excess produced associated gas reinjected into Duperow Formation (Order 78-81).
Red River	2	11,401	5,109	
	2003 Production:	25,572	8,194	
Four Buttes				Cumulative Oil Production (Bbls): 42,391
				Single spacing unit for production from McGowan (Order 15-98).
Four Mile Creek				Cumulative Oil Production (Bbls): 484,308 Post-1986 Gas Production (MCF): 77,956
Red River	1	4,735	1,997	320-acre spacing units for Red River (Order 43-75). Field reduction (Order 10-83).
Stonewall, Red River	1	28	0	
	2003 Production:	4,763	1,997	
Four Mile Creek, West				Cumulative Oil Production (Bbls): 560,541 Post-1986 Gas Production (MCF): 227,643
Red River	1	21,562	16,838	Statewide.
	2003 Production:	21,562	16,838	
Fox Creek				Cumulative Oil Production (Bbls): 240,659 Post-1986 Gas Production (MCF): 51,947
Red River	1	11,309	16,074	Statewide.
	2003 Production:	11,309	16,074	
Fox Creek, North				Cumulative Oil Production (Bbls): 75,398 Post-1986 Gas Production (MCF): 5,813
				160-acre spacing units for Madison Formation; wells no closer than 660' to the unit boundary with 150' topographic tolerance (Order 13-84).
Frannie				Cumulative Oil Production (Bbls): 773,613 Post-1986 Gas Production (MCF): 107
				10-acre spacing units; well location in center of each unit with 100' topographic tolerance (Order 35-63). Unitized for waterflood of Phosphoria-Tensleep formations using produced fluids (Order 21-70). EOR approved (Order 62-85).
Fred & George Creek				Cumulative Oil Production (Bbls): 13,580,914 Post-1986 Gas Production (MCF): 583,277
Bow Island	3	0	18,698	Sunburst Oil: 40-acre spacing units; well location in center of unit with 250' topographic tolerance (Orders 29-63, 1-
Sunburst	23	20,959	1,652	65, amended by Order 27-65). Sunburst Gas: same as Arch Apex (Order 4-60). Several Sunburst A and B Sand
Swift, Sunburst	2	381	0	waterflood units in field and area (Orders 13-70, 27-71, 40-80, 43-93, 44-93, 60-93, 64-93).
	2003 Production:	21,340	20,350	
Fresno				Post-1986 Gas Production (MCF): 2,164,544
Eagle	8	0	175,989	640-acre spacing units for Eagle (Virgelle) and shallower horizons; wells located no closer than 990' to unit
3	2003 Production:	0	175,989	boundary; one well per spacing unit per horizon (Order 14-76). Field enlargement and modification of field within certain areas (Order 52-80).
Frog Coulee				Cumulative Oil Production (Bbls): 314,486 Post-1986 Gas Production (MCF): 70,443
Red River	1	6,333	8,415	320-acre Red River spacing units; wells no closer than 660' to the unit boundary (Order 55-79).
	2003 Production:	6,333	8,415	
Froid, South				Cumulative Oil Production (Bbls): 396,353 Post-1986 Gas Production (MCF): 144,549
Red River	2	11,043	0	Statewide.
	2003 Production:	11,043	0	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Gage				Cumulative Oil Production (Bbls): 678,603
Amsden	2	1,142	0	40-acre Amsden spacing units; well to be in center of each unit with a tolerance of 150' for topographical or
	2003 Production:	1,142	0	geological reasons (Order 120-80). Field enlargement (Order 44-81).
Galata				Post-1986 Gas Production (MCF): 1,533,423
Bow Island	4	0	17,889	Two wells from same Bow Island horizon per section no closer than 1,320' to each other and 990' to section lines
	2003 Production:	0	17,889	(Order 28-85). Field enlarged (Orders 21-84, 41-85 and 76-85). Four wells per section authorized (Order 18-01).
Gas City				Cumulative Oil Production (Bbls): 11,182,363 Post-1986 Gas Production (MCF): 190,952
Madison	1	664	157	80-acre spacing units consisting of E 1/2 and W 1/2 of quarter sections; well location in NW 1/4 and SE 1/4 of
Siluro-Ordovician	5	51,591	17,490	quarter section; 150' topographic tolerance; spacing waived in unitized portion of field (Order 29-62). Waterflood
Red River	11	226,691	99,967	(Order 16-69). Field reduction (127-03, 150-03).
	2003 Production:	278,946	117,614	
Gas Light				Post-1986 Gas Production (MCF): 809,025
Eagle	8	0	90,284	Delineated, Eagle Formation, 640-acre spacing units with up to 4 wells per section; 660' setback from spacing unit
-	2003 Production:	0	90,284	boundaries (Order 149-01).
Gettysburg				Cumulative Oil Production (Bbls): 304
, ,				Statewide.
Gildford, North				Post-1986 Gas Production (MCF): 30,586
Eagle	2	0	8,824	320-acre spacing units for Sawtooth production with no well closer than 660' to spacing unit boundary (Orde
Sawtooth	1	0	1,424	38-76, 9-79). Eagle Spacing unit S2 33N-11E-6, N2 33N-11E-7 (Order 220-02). Sawtooth spacing unit S2 S2 33N-
Eagle, Claggett	1	0	2,579	11E-6, N2 N2 33N-11E-7 (Order 33-03).
	2003 Production:	0	12,827	
Girard				Cumulative Oil Production (Bbls): 677,353 Post-1986 Gas Production (MCF): 250,145
Bakken	2	5,420	3,040	Statewide, plus Bakken spacing unit comprised of 24N-55E-11: All, 2 horizontal wells authorized (Order 146-01).
Red River	1	6,746	11,056	
	2003 Production:	12,166	14,096	
Glendive				Cumulative Oil Production (Bbls): 14,343,628 Post-1986 Gas Production (MCF): 353,295
Siluro-Ordovician	6	62,553	18,320	80-acre spacing units consisting of any two adjacent quarter-quarter sections; wells located in center of NE 1/4 and
Gunton	1	1,343	0	SW 1/4 of each quarter section with 75' topographic tolerance (Orders 27-55, 19-62, 58-62, 20-66). Additional 80-
Red River	4	22,854	0	acre spacing units; commingling of Red River and Madison formations (Order 95-84). Additional Red River Formation wells in specific spacing units (Orders 21-93, 22-93).
Stony Mountain	1	8,235	1,248	i officion were in specific spacific units (Orders 21-30, 22-30).
Red River, Interlake	1	4,923	1,560	
·	2003 Production:	99,908	21,128	
Glendive, South				Cumulative Oil Production (Bbls): 68,936 Statewide.
Gold Butte				Post-1986 Gas Production (MCF): 18,459
				640-acre spacing for Bow Island and Swift, well location in any quarter-quarter section cornering on center of section (Order 26-59). Amended field boundary (Order 43-77).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Golden Dome				Cumulative Oil Production (Bbls): 120,299 Post-1986 Gas Production (MCF): 1,763,046		
Eagle	1	0	2,055	Originally 160-acre spacing for Judith River, Claggett, and Eagle (Virgelle); wells to be 660' from spacing unit		
Frontier	7	1,306	28,548	boundary (Order 15-72). Single spacing unit for Greybull Formation (Order 17-82). Field enlargement and inclusio		
Greybull	1	72	14,746	of Frontier and Greybull formations (Order 135-82).		
	2003 Production:	1,378	45,349			
Goose Lake				Cumulative Oil Production (Bbls): 10,202,054 Post-1986 Gas Production (MCF): 344,678		
Ratcliffe	15	49,141	3,983	160-acre spacing units for Ratcliffe Formation (Order 42-63). Field enlarged (Orders 40-66, 47-67, 16-68). Refer to		
Red River	1	17,874	7,125	said orders for authorized well locations. Field size reduced (Order 29-77). Single spacing unit for Red River		
	2003 Production:	67,015	11,108	(Order 1-82). North Goose Lake Unit waterflood (Order 17-72).		
Goose Lake Red River				Cumulative Oil Production (Bbls): 63,442 Post-1986 Gas Production (MCF): 2,860		
Daniel olio Fast				Two 320-acre spacing units for Red River Formation (Orders 1-82, 56-96). Red River 'D' zone excluded from Orde 56-96 (Order 41-97).		
Goose Lake, East				Cumulative Oil Production (Bbls): 4,522		
				320-acre N/2 and S/2 spacing units for production from Red River Fm. 660' setback from spacing unit boundaries (Order 20-81).		
Goose Lake, West				Cumulative Oil Production (Bbls): 709,902 Post-1986 Gas Production (MCF): 142,157		
Red River	2	10,994	3,154	Statewide, plus single Red River spacing unit (Order 100-98).		
	2003 Production:	10,994	3,154			
Gossett				Cumulative Oil Production (Bbls): 407,293 Post-1986 Gas Production (MCF): 86,946		
Ratcliffe	1	2,602 0 Statewide.	Statewide.			
ratolino	2003 Production:	2,602	0			
Graben Coulee				Cumulative Oil Production (Bbls): 2,547,263 Post-1986 Gas Production (MCF): 34,317		
Cut Bank	20	10,602	0	Sunburst - 40-acre spacing units; well location no closer than 330' to legal subdivision boundary. Cut Bank and		
Sunburst	6	2,013	873	Madison - Oil: 330' from boundary of legal subdivision and 650' from any other well in same reservoir and on same		
Cut Bank, Madison	6	10,538	0	lease; 75' topographic tolerance; 5-spot location on 40-acre tract (Order 73-62). Waterflood of Cut Bank sands (Order 61-83).		
	2003 Production:	23,153	873	(Cruci or 65).		
Grandview				Cumulative Oil Production (Bbls): 16,588 Post-1986 Gas Production (MCF): 1,383,245		
Bow Island	9	0	253,789	320-acre spacing units for all gas producing horizons, aligned in a north-south direction; well location no closer than		
Sunburst	1	5,577	58	660' to a spacing unit boundary (Order 49-67). 160-acre spacing units, NE & SE, 34N-4E-15 (Order 107-02).		
Swift, Sunburst	1	0	46,986	Additional wells (Order 38-03). Enlargement (Orders 123-02, 242-03). Permanent spacing unit, 34N-4E-4-W2SW 5-E2SE, 8-E2NE, 9-W2NW, two wells authorized (Order 111-03). Permanent spacing unit, 34N-4E-8, W2NE and		
	2003 Production:	5,577	300,833	SE, two wells + two wells in W2 of Sec. 8 (Order 243-03).		
Grandview, East				Cumulative Oil Production (Bbls): 65,894		
Swift	2	1,031	0	Statewide.		
֥	2003 Production:	1,031	0			
Gray Blanket		•		Cumulative Oil Production (Bbls): 371,005		
Tensleep	2	26,747	0	40-acre spacing units for Tensleep Formation. Wells located no closer than 330' to spacing unit boundary with 150		
. сор	2003 Production:	26,747		tolerance upon administrative approval (Order 20-92).		
Green Coulee				Cumulative Oil Production (Rbls): 128 759		
Green Coulee				Cumulative Oil Production (Bbls): 128,759  160-acre spacing units for Ratcliffe Formation; locations no closer than 660' to unit boundaries, 150' tolerance for topographic or geologic reasons. 320-acre spacing units for the Red River Fm with location to be no closer than 660' to the unit boundary nor closer than 1,650' to any well producing from the Red River (Order 56-81).		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Green Coulee, East				Cumulative Oil Production (Bbls): 180,614 Post-1986 Gas Production (MCF): 18,220
Ratcliffe	1	2,808	1,736	Delineated for production from Red River Formation with single 320-acre spacing unit (Order 99-82). Redelineation
	2003 Production:	2,808	1,736	(Order 6-95). Reduction (Orders 108-02, 174-02).
Gumbo Ridge				Cumulative Oil Production (Bbls): 625,510 Post-1986 Gas Production (MCF): 503
Tyler	3	3,176	0	Tyler Formation waterflood unit (Order 54-79). Certified as an expanded enhanced recovery unit effective 1/1/95
	2003 Production:	3,176	0	(Order 6-95).
Gunsight				Cumulative Oil Production (Bbls): 489,342 Post-1986 Gas Production (MCF): 105,005
Madison	1	4,855	0	Statewide.
Ratcliffe	2	20,075	11,168	
	2003 Production:	24,930	11,168	
Gypsy Basin				Cumulative Oil Production (Bbls): 514,418 Post-1986 Gas Production (MCF): 82,345
Sunburst	1	0	859	Sunburst-Swift - 330' from lease lines and 660' between wells in same formation; only two wells per quarter-quarter
Madison	3	876	0	section (Order 7-66). Sawtooth-Madison oil and gas - 40-acre spacing units; wells no closer than 330' from lease
	2003 Production:	876	859	line (Orders 7-66, 12-79).
Hammond				Post-1986 Gas Production (MCF): 8,629
				320-acre spacing units for Muddy Formation; each unit shall consist of a regular half of a governmental section with well location to be no closer than 660' to a unit boundary nor closer than 990' to the exterior boundaries of the field (Order 97-80).
Hardpan				Cumulative Oil Production (Bbls): 2,805 Post-1986 Gas Production (MCF): 1,334,562
Bow Island	11	0	61,363	Spacing one well per section for Kootenai and above. Well location no closer than 990' to the section boundary
	2003 Production:	0	61,363	(Order 145-81). Field enlargement (Order 131-82). Allow 2 wells per spacing unit in Sections 15, 20 and 21, T27N R3E (Order 72-92). Allow 4 wells per section (Order 16-01). Field enlargement (Order 203-03).
Hardscrabble Creek				Cumulative Oil Production (Bbls): 170,566 Post-1986 Gas Production (MCF): 64,031 Statewide.
Havre				Post-1986 Gas Production (MCF): 522,974
Eagle	1	0	17,445	Single spacing unit for production of gas from Eagle (Order 48-82).
	2003 Production:	0	17,445	
Hawk Creek				Cumulative Oil Production (Bbls): 13,277 Statewide.
Hawk Haven				Cumulative Oil Production (Bbls): 44,330 Post-1986 Gas Production (MCF): 5,356
Mission Canyon	1	1,658	0	Single 320-acre Madison spacing unit (Order 101-94).
	2003 Production:	1,658	0	enge ere and names of and a military of the
Hay Creek		· · · · · · · · · · · · · · · · · · ·		Cumulative Oil Production (Bbls): 1,725,338 Post-1986 Gas Production (MCF): 391,889
Duperow	1	4,521	0	320-acre spacing for Red River, consisting of any two adjacent quarter sections; location no closer than 660' to unit
Stonewall, Red River	1	12,822	10,352	boundary (Orders 15-69, 27-73).
2.2.707700, 7.00 1 11701	2003 Production:	17,343	10,352	
		,	-,	Post-1986 Gas Production (MCF): 473,214
Hayetack Butto				FUSI-1300 GaS FIUUUGIIOII (WICF). 4/3.214
Haystack Butte Bow Island	6	0	16,080	640-acre spacing units; one well per producing horizon above Kootenai Formation no closer than 990' to spacing

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
Haystack Butte, West				Post-1986 Gas Production (MCF): 819,592			
Bow Island	8	0	27,872	320-acre regular half-section spacing units for all formations above Rierdon; wells no closer than 660' to the unit			
	2003 Production:	0	27,872	boundaries; commingling of production authorized as specified (Order 6-88). Field enlarged (Order 46-91).			
Hell Coulee				Cumulative Oil Production (Bbls): 67,203 Post-1986 Gas Production (MCF): 14,179			
				Statewide.			
Hiawatha				Cumulative Oil Production (Bbls): 1,726,043 Post-1986 Gas Production (MCF): 15,132			
Tyler	2	10,037	0	Statewide.			
	2003 Production:	10,037	0				
Hibbard				Cumulative Oil Production (Bbls): 226,494			
				Statewide.			
High Five				Cumulative Oil Production (Bbls): 3,031,475 Post-1986 Gas Production (MCF): 135,735			
Tyler	6	31,413	4,208	Spacing waived, unitized, and polymer-waterflood authorized (Order 110-80).			
. , ,	2003 Production:	31,413	4,208				
Highline				Post-1986 Gas Production (MCF): 86,216			
Eagle	1	0	4,583	Single 640-acre spacing unit for Eagle and shallower horizons (Order 35-88).			
J	2003 Production:	0	4,583				
Highview				Cumulative Oil Production (Bbls): 124,392			
Sawtooth	1	380	0	160-acre spacing units, located no closer than 660' from spacing unit boundary; 150' topographic tolerance (Order			
Madison	4	2,113	0	84-76). Orders 32-76, 84-76 and 63-82 are amended to provide as follows: 1. Permitted wells to the Moulton,			
Devonian Undifferentiated	1	437	0	Sunburst, Morrison, and Swift formations shall be no closer than 330' from the lease line nor closer than 660' to a permitted well in the same formation with only two such wells per quarter quarter section with a 150' topographic			
	2003 Production:	2,930	0	tolerance. 2. Madison: (Gas) 160-acre spacing units with well location to be no closer than 660' from quarter			
				section lines. 3. Madison: (Oil) 40-acre spacing units with permitted location to be no closer than 330' from the			
				lease line with a 150' topographic tolerance. 4. Sawtooth: (Oil and Gas) 40-acre spacing units with permitte location to be no closer than 330' from the lease line with a 150' topographic tolerance (Order 136-82).			
Homestead				Cumulative Oil Production (Bbls): 303			
Homestead				Stastewide.			
Honker				Cumulative Oil Production (Bbls): 117,078 Post-1986 Gas Production (MCF): 17,351			
Holikei				320-acre specified spacing units for Red River Formation; permitted well no closer than 660' to the unit boundary			
				(Order 105-80). Single 160-acre Winnipegosis spacing unit (Order 82-81).			
Horse Creek				Cumulative Oil Production (Bbls): 13,516			
				Statewide.			
Howard Coulee				Cumulative Oil Production (Bbls): 225,307			
Tyler	1	8,484	0	Statewide.			
, <del></del>	2003 Production:	8,484	0				
Injun Creek		•		Cumulative Oil Production (Bbls): 139,415			
Tyler	2	679	0	Statewide.			
, -	2003 Production:	679	0				
Intake II				Cumulative Oil Production (Bbls): 1,001,929 Post-1986 Gas Production (MCF): 327,670			
Mission Canyon	2	9,781	5,823	320-acre spacing units for Red River Formation; permitted well to be located no closer than 660' from the unit			
Madison, Ordovician	1	43	0,020	boundary (Order 99-81).			
	2003 Production:	9,824	5,823				
		3,0 <u>2</u> .	3,023				

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Ivanhoe				Cumulative Oil Production (Bbls): 4,778,558
Morrison Formation	2	3,845	0	40-acre spacing unit for production from any one formation; well location in center of unit with 200' topographic
Amsden	1	732	0	tolerance (Order 7-60 and 13-56). Field size reduced (Orders 27-89 and 29-89).
Tyler	4	15,618	0	
	2003 Production:	20,195	0	
Jack Creek				Cumulative Oil Production (Bbls): 1,310 Statewide.
Jim Coulee				Cumulative Oil Production (Bbls): 4,521,627 Post-1986 Gas Production (MCF): 34,599
Tyler	2	6,017	0	Unitized, no well to be drilled closer than 330' to unit boundary (Order 18-72).
, -	2003 Production:	6,017	0	, , , , , , , , , , , , , , , , , , ,
Katy Lake		<u> </u>		Cumulative Oil Production (Bbls): 262,204 Post-1986 Gas Production (MCF): 434,440
Red River	1	22,298	39,025	Statewide.
	2003 Production:	22,298	39,025	
Katy Lake, North	2000 . 100000011.	,	33,020	Cumulative Oil Production (Bbls): 6,286,513 Post-1986 Gas Production (MCF): 2,010,355
Madison	3	35,897	18,688	Statewide except for single 320-acre Red River spacing unit (Order 88-84), and single 160-acre Mission Canyon
Mission Canyon	2	31,049	16,036	spacing unit (Order 89-84).
Ratcliffe	1	5,172	1,689	
Red River	5	64,140	59,144	
Neu Nivei	2003 Production:	136,258	95,557	
Keg Coulee	2000 1 100000011.	100,200	30,007	Cumulative Oil Production (Bbls): 5,798,576 Post-1986 Gas Production (MCF): 361
Tyler	6	6,254	0	40-acre spacing in southwest portion of field; spacing is waived in unitized portion (Orders 3-64, 4-64, 23-64). 80-
Tyler	2003 Production:	6,254	0	acre spacing in remainder of field with variable pattern (Orders 11-60, 28-62). 40-acre spacing: W 1/2 E 1/2 and \
	2000 1 100001011.	0,204	v	1/2 Sec. 35-11N-30E; NW 1/4 Sec. 35-11N-30E; NW 1/4 Sec. 2-10N-30E (Order 23-72). Topographic tolerance varies from 100' to 250' (Order 11-60, 4-64, 23-64). Buffer zone waived (Order 16-65). Field reduction (Order 2-76). Amended (Order 58-76). Three waterflood units (Orders 3-64, 28-66, 14-69). Expanded enhanced recovery unit approved effective 11/1/94 (Order 94-94).
Keg Coulee, North				Cumulative Oil Production (Bbls): 451,401
-				40-acre Tyler Fm. spacing units with wells to be located at center of each spacing unit; 150' topographic tolerance (Order 46-64). Field reduction (Order 59-76).
Keith Area				Post-1986 Gas Production (MCF): 411,497
Second White Specks	2	0	6,354	Statewide.
Bow Island	1	0	781	
Sawtooth	1	0	8,852	
	2003 Production:	0	15,987	
Keith, East				Post-1986 Gas Production (MCF): 7,596,108
Niobrara	1	0	13,866	Statewide, except unitized portions spaced by Order 22-62. Amended to allow additional wells in Johns and Osler
	•	-	•	units (Order 52-95). Designation of 36N-6E-13 as spacing unit; no more than 4 wells for each Cretaceous Fm and
	9	0	67.371	1 0 /
Second White Specks	9 17	0	67,371 395.709	no more than 2 wells for each pre-Cretaceous Fm (Order 47-96). Kolhei Unit - no more than 4 wells for each
	_	_	67,371 395,709 6,033	1 0 /

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Kelley				Cumulative Oil Production (Bbls): 1,044,565 Post-1986 Gas Production (MCF): 3,3		
Tyler	1	3,139	0	40-acre spacing units with well at center of spacing unit with a 250' topographic tolerance (Order 15-67).		
	2003 Production:	3,139	0	Waterflood using Third Cat Creek water (Orders 8-69, 51-76). Certified as an expanded enhanced recovery unit effective 4/1/95 (Order 19-95).		
Kevin Area				Cumulative Oil Production (Bbls): 548 Post-1986 Gas Production (MCF): 31,02		
Swift	1	0	1,354	Statewide.		
	2003 Production:	0	1,354			
Kevin Southwest				Cumulative Oil Production (Bbls): 415 Post-1986 Gas Production (MCF): 4,080,68		
Bow Island 1 0 2,19				320-acre half section spacing units lying north-south or east-west at operator's option; wells no closer than 660' to		
Dakota	6	0	23,947	unit boundary for Sunburst-Swift formations and all formations above the top of the Kootenai (Orders 26-78, 47-78		
Kootenai	1	0	4,827	48-78). Field enlargement (Orders 82-79, 96-79, 47-80, 163-81 and 41-89). 2 wells per horizon per spacing unit		
Sunburst	9	0	57,667	(Order 68-99).		
Swift	3	0	43,078			
Bow Island, Dakota, Sunburst	2	0	56,116			
Bow Island, Dakota	3	0	17,903			
Bow Island, Dakota, Sunburst, Swif	t 1	0	8,801			
Bow Island, Sunburst	3	0	17,900			
Sunburst, Dakota	2	0	20,043			
,	2003 Production:	0	252,474			
Kevin Sunburst (Dakota)				Post-1986 Gas Production (MCF): 405,2		
Dakota	1	0	6,665	Single spacing unit for gas production from Dakota (Order 45-90).		
Bartota	2003 Production:	0		origin opasing and to gas production non Barrota (order to co).		
Kevin Sunburst-Bow Island	2000 1 10000110111		0,000	Post-1986 Gas Production (MCF): 823,0		
Bow Island	7	0	22,653	160-acre Bow Island spacing units; location no closer than 660' to spacing unit boundary (Orders 2-88, 60-88).		
Swift	1	0	24,722	Field enlargement (Orders 17-88, 11-91, 123-01).		
Swiit	2003 Production:	0	47,375			
Karda Faat Barrialand Oas	2003 T TOUGCHOTT.	0	47,373	Post 4000 Oss Bushadisa (MOF)		
Kevin, East Bow Island Gas	_		40.007	Post-1986 Gas Production (MCF): 231,9		
Bow Island	5	0	12,807	160-acre spacing units, one well no closer than 660' to spacing unit boundary per each producing zone, formation or horizon from top of the Blackleaf to top of Dakota (Order 3-92).		
Sunburst	1	0	1,651	or honzort from top of the biacklear to top of bakota (Order 5-32).		
	2003 Production:	0	14,458			
Kevin, East Gas				Cumulative Oil Production (Bbls): 130 Post-1986 Gas Production (MCF): 982,99		
Sunburst	4	0	17,809	320-acre designated spacing units for gas production from all horizons above the Rierdon Formation; 660' setback		
Bow Island, Sunburst, Swift	1	0	6,782	from spacing unit boundaries, 1 well per horizon per spacing unit, commingling authorized (Order 23-85). Field enlargements (Orders 29-86, 10-87, and 8-90).		
Bow Island, Sunburst	2	0	9,315	omargomona (orders 20 00, 10 01, and 0 00).		
Swift, Sunburst	1	0	9,883			
	2003 Production:	0	43,789			
Kevin, East Nisku Oil				Cumulative Oil Production (Bbls): 833,251 Post-1986 Gas Production (MCF): 1,082,66		
Nisku	15	24,423	65,559	80-acre spacing units consisting of E 1/2 or W 1/2 of quarter section; wells in center of SW 1/4 or NE 1/4 of each		
	2003 Production:	24,423	65,559	quarter section with 200' geologic or topographic tolerance (Order 46-84). Field enlarged (Order 9-86). Single spacing unit authorized to produce gas from the gas cap (Order 24-88). Exceptions to drill horizontal Nisku wells (Orders 29-97, 11-98). Exception to drill NW/4 SW/4, 35N-1E-31 (Order 70-97).		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Kevin-Sunburst				Cumulative Oil Production (Bbls): 82,275,786 Post-1986 Gas Production (MCF): 11,700,081
Bow Island	34	0	101,553	Oil: 9 Wells per 40-acre tract; only 3 wells on any side of tract with set back at least 220' from line; Gas: Well to be
Burwash	1	0	319	no closer than 330' from the boundaries of any legal subdivision line, nor less than 2,400' from every other drilling
Cut Bank	1	0	2,342	or producible well on the same lease or unit (Orders 8-54, 28-55). Single spacing unit (Order 61-85). Field enlarged (Order 54-87). 160-acre Bow Island spacing units established (Orders 2-88, 17-88, and 60-88). Two 80-
Dakota	2	0	5,921	acre spacing units for production of gas from all formations from surface to base of Sunburst Sandstone (Order 40-
Sunburst	105	25,915	116,285	92). There are three waterfloods in operation using Madison water (Orders 9-64, 17-64, 30-64, 36-65). H2S, CO2
Ellis Group	34	5,059	23,452	and produced water disposed into Madison (EPA-87). SWD approved EPA-84, 85, 86, 87, 88. Enhanced recovery
Swift	33	10,392	32,885	approved EPA-88, 91, 92. Ferdig Swift Unit approved (Order 52-92).
Sawtooth	1	313	0	
Madison	591	150,708	48,376	
Nisku	1	0	6,874	
Bow Island, Dakota, Sunburst	3	0	15,734	
Bow Island, Sunburst, Swift	3	0	16,118	
Bow Island, Dakota	2	0	3,127	
Bow Island, Sunburst	11	0	60,282	
Bow Island, Swift	2	0	5,897	
Bow Island, Dakota, Kootenai, Sui	nburst 3	0	20,059	
Ellis, Madison	2	281	0	
Sunburst, Dakota	2	0	6,304	
Swift, Sunburst	4	0	14,450	
,	2003 Production:	192,668	479,978	
Kevin-Sunburst Nisku Gas				Cumulative Oil Production (Bbls): 17 Post-1986 Gas Production (MCF): 1,303,994
Nisku	2	0	77,642	Nisku Gas: 640-acre spacing units; location no closer than 990' to spacing unit boundary (Order 83-76). Nisku Oil:
	2003 Production:	0	77,642	80-acre spacing units; location no closer than 330' to spacing unit boundary (Order 7-86). Gas spacing unit comprised of N/2 and N/2 S/2 35N-1W-35 (Order 10-98).
Kicking Horse				Cumulative Oil Production (Bbls): 1,526 Post-1986 Gas Production (MCF): 1,921,517
Bow Island	11	0	104,521	320-acre spacing units for Madison and shallower horizons; location no closer than 660' to unit boundary and 990'
Sunburst	3	0	5,111	to field boundary (Order 17-74). Include additional lands and provide that 320-acre spacing units may be either the
	2003 Production:	0	109,632	N/2 & S/2 or E/2 & W/2 of section (Order 53-80).
Kincheloe Ranch				Cumulative Oil Production (Bbls): 855,547 Post-1986 Gas Production (MCF): 105,500
Tyler	3	5,900	1,641	Statewide, plus two Tyler waterfloods (Orders 47-91 and 46-88).
, -	2003 Production:	5,900	1,641	,
Kinyon Coulee South				Post-1986 Gas Production (MCF): 1,121
•				Single Bow Island spacing unit with one well; location no closer than 990' to section line (Order 31-81).
Kippen Area, East				Cumulative Oil Production (Bbls): 150 Post-1986 Gas Production (MCF): 92,151
				Statewide.
Krug Creek				Cumulative Oil Production (Bbls): 15,288
				Delineated for production from Red River Fm; 320-acre spacing units, 660' setback from boundaries (Order 27-81).
Laird Creek				Cumulative Oil Production (Bbls): 627,876 Post-1986 Gas Production (MCF): 36,240
Swift	7	2,715	6,647	Waterflood authorized for Swift Formation (Order 25-74), commenced 2-25-77. Single 320-acre spacing unit for
	2003 Production:	2,715	6,647	Swift gas production (Order 37-92).

eld, Reported Formation	# of Wells	Oil, Bbls	Bbls Gas, MCF	Cumulative Production And Regulation Summary			
Lake Basin				Cumulative Oil Production (Bbls): 473,639 Post-1986 Gas Production (MCF): 1,568,509			
Eagle	7	0	33,869	160-acre spacing units to base of Virgelle; wells no closer than 660' to unit boundary and 990' to field boundary;			
Telegraph Creek Formation	1	0	7,169	commingling with administrative approval (Order 9-74).			
Big Elk Sandstone	1	0	14,501				
Eagle, Telegraph Creek	1	0	10,444				
	2003 Production:	0	65,983				
Lake Basin, North				Post-1986 Gas Production (MCF): 42,154			
				640-acre spacing units for all productive horizons; locations 990' from section line (Orders 6-58, 3-74). 160-acre spacing units for Claggett and Eagle/Virgelle, wells located no closer than 660' to quarter section lines within restricted sections (Order 63-76). 160-acre spacing units for Frontier gas, 2N-21E, W/2 27 and NW/4 34, 660' external setback (Order 63-99).			
Lakeside				Cumulative Oil Production (Bbls): 487 Statewide.			
Lambert				Cumulative Oil Production (Bbls): 518,124 Post-1986 Gas Production (MCF): 256,009 320-acre Red River spacing units comprised of the E 1/2 and W 1/2 of section (Order 3-83).			
Lambert, North				Cumulative Oil Production (Bbls): 36,552 Statewide.			
Lambert, South				Cumulative Oil Production (Bbls): 586,917 Post-1986 Gas Production (MCF): 124,887			
Red River	3	49,833	13,155	Single Red River Formation Spacing Unit (Order 75-96).			
	2003 Production:	49,833	13,155				
Lamesteer Creek				Cumulative Oil Production (Bbls): 31,845 Single Red River spacing unit (Order 101-84).			
Landslide Butte				Cumulative Oil Production (Bbls): 757,697 Post-1986 Gas Production (MCF): 859,068			
Madison	10	21,328	18,499	Statewide.			
Sun River Dolomite	1	643	0				
	2003 Production:	21,971	18,499				
Lane				Cumulative Oil Production (Bbls): 722,055 Post-1986 Gas Production (MCF): 840,329			
Red River	6	320,408	405,313	Statewide, plus single Red River spacing unit, 23N-54E-18: E2, with designated well (Order 153-01).			
	2003 Production:	320,408	405,313				
Laredo				320-acre Eagle spacing with unit consisting of one-half section lying north-south or east-west; well no closer than 990' to unit boundary (Order 8-74). 32N-14E, Secs. 18, 19, 30 removed from field (Order 133-01).			
Lariat				Cumulative Oil Production (Bbls): 3,599			
				Single Red River Fm. Spacing unit.			
Laurel				Cumulative Oil Production (Bbls): 1,017			
				10-acre spacing units for Dakota Fm.; wells to be located in center of spacing unit with 75' topographic tolerance (Order 15-62).			
Leary				Cumulative Oil Production (Bbls): 689,078 Post-1986 Gas Production (MCF): 110,860			
Muddy	2	1,249	7,445	40-acre spacing units for Muddy Fm.; wells located no closer than 330' to spacing unit boundary with 75'			
•	2003 Production:	1,249	7,445	topographic tolerance (Order 115-84 which amended Orders 12-69, 19-70, and 68-76).			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Ledger				Cumulative Oil Production (Bbls): 292 Post-1986 Gas Production (MCF): 2,966,056
Bow Island	38	0	82,763	640-acre Bow Island spacing; wells located no closer than 990' to section line; commingling upon administrative
	2003 Production:	0	82,763	approval (Order 53-77). Field enlargement and amendment to allow two wells per sand per section (Order 1-87).
Leroy				Post-1986 Gas Production (MCF): 5,009,073
Eagle	18	0	159,549	320-acre spacing for Judith River and Eagle/Virgelle with unit consisting of half sections lying north-south or east-
	2003 Production:	0	159,549	west. Wells no closer than 660' to unit boundary and 990' to field boundary. (Order 19-75) 330' topographic tolerance (Order 72-80). Field enlargement (Order 31-87).
Line Coulee				Cumulative Oil Production (Bbls): 57,789 Statewide.
Liscom Creek				Post-1986 Gas Production (MCF): 2,371,666
Shannon	5	0	182,632	Shannon spacing, one well per 640 acres located no closer than 990' to section boundary (Order 20-72).
	2003 Production:	0	182,632	
Lisk Creek				Cumulative Oil Production (Bbls): 1,963 Statewide.
Little Basin				Post-1986 Gas Production (MCF): 465,325 640-acre Frontier spacing units; one well per section located no closer than 990' to spacing unit boundary (Order 27 86).
Little Beaver				Cumulative Oil Production (Bbls): 16,169,635 Post-1986 Gas Production (MCF): 465,863
Siluro-Ordovician	31	213,118	25,165	Spacing waived and General Rules suspended until unit agreement becomes inoperative (Order 41-62).
	2003 Production:	213,118	25,165	Waterflood of the Red River was commenced in August 1967 (Order 3-66). Little Beaver Unit certified as expanded enhanced recovery project (Order 10-01).
Little Beaver, East				Cumulative Oil Production (Bbls): 7,190,044 Post-1986 Gas Production (MCF): 275,531
Siluro-Ordovician	14	131,774	26,473	Same as for Little Beaver (Order 42-62). Waterflood of the Red River commenced in April 1965 (Order 33-64).
Red River	2	6,125	1,180	Little Beaver East Unit certified as expanded enhanced recovery project (Order 9-01).
	2003 Production:	137,899	27,653	
Little Creek				Post-1986 Gas Production (MCF): 414,572
Eagle	2	0	7,529	Statewide.
-	2003 Production:	0	7,529	
Little Phantom				Cumulative Oil Production (Bbls): 58,500
				10-acre spacing units; well location no closer than 220' to the exterior boundary lines of the field nor closer than 440' to any well capable of or producing from the Sunburst Sands (Order 46-81).
Little Rock				Post-1986 Gas Production (MCF): 1,874,774
Blackleaf Formation	2	0	7,785	320-acre N 1/2 and S 1/2 spacing units for Blackleaf and Bow Island; well location no closer than 990' to west line
Bow Island	1	0	6,274	of Section 14 and 660' to the remaining unit boundary lines (Order 40-78). Field enlargement (Orders 94-79 and 34
Lander	5	0	15,939	80). Allow two wells within each spacing unit no closer than 1,320' to each other and no closer than 660' to unit boundaries (Order 12-90). Two 320-acre spacing units for Lander Formation gas, 2 wells per spacing unit no closer
Bow Island, Blackleaf	8	0	42,321	than 1320' to another Lander formation well and 330' to the spacing unit boundary (Order 56-91). Enlarge for
	2003 Production:	0	72,319	Lander gas production (Order 48-93).
Little Wall Creek				Cumulative Oil Production (Bbls): 3,895,984 Post-1986 Gas Production (MCF): 196,651
Tyler	4	16,649	8,760	Little Wall Creek, Tyler Sand Unit (Order 40-84). Weisner Tyler Sand Unit approved (Order 65-91).
Tylor	2003 Production:	16,649	8,760	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Little Wall Creek, South				Cumulative Oil Production (Bbls): 1,473,450 Post-1986 Gas Production (MCF): 110,657
Tyler	5	17,196	0	South Little Wall Creek Unit waterflood (Order 85-83). Gunderson Tyler Sand Unit (Order 39-87; unit area reduced
	2003 Production:	17,196	0	by Order 21-92). Hamilton-Gunderson Tyler Sand Unit (Order 22-92).
Lobo				Cumulative Oil Production (Bbls): 260,135 Post-1986 Gas Production (MCF): 182,091 Statewide.
Lodge Grass				Cumulative Oil Production (Bbls): 386,269
Tensleep	2	4,817	0	Statewide.
	2003 Production:	4,817	0	
Lohman				Post-1986 Gas Production (MCF): 2,207,569
Eagle	3	0	39,368	640-acre Eagle spacing; one well per section located no closer than 990' from section line (Order 23-78).
Judith River	1	0	264	Exception locations (Orders 109-01, 159-01).
	2003 Production:	0	39,632	
Lohman Area				Post-1986 Gas Production (MCF): 1,319,626
				Statewide.
Lone Butte				Cumulative Oil Production (Bbls): 928,121 Post-1986 Gas Production (MCF): 380,074
Madison	1	4,155	3,936	Single 320-acre spacing unit for Red River and Interlake Formations; 160-acre spacing units for Madison with well
Red River	2	6,990	6,893	location no closer than 660' to unit boundary; 150' topographic or geologic tolerance (Order 83-85).
	2003 Production:	11,145	10,829	
Lone Rider				Cumulative Oil Production (Bbls): 5,903
				Statewide.
Lonetree Creek				Cumulative Oil Production (Bbls): 5,341,438 Post-1986 Gas Production (MCF): 1,901,463
Madison	1	11,781	2,805	320-acre Red River spacing, wells 660' from spacing boundary, 2,000' between wells (Order 29-72). Field reduction
Mission Canyon	1	3,596	0	(Orders 162-81 and 84-85). Ratcliffe and Mission Canyon delineation, S/2, Sec. 10, T24N, R57E (Order 45-93).
Interlake	2	29,364	7,081	Interlake spacing unit, N/2, Sec. 10, T24N, R57E (Order 51-95). 320-acre Interlake spacing, 24N-57E-9:E2 & W2 (Order 87-00).
Red River	2	13,150	24,540	(3146) 37 30).
Red River, Interlake	2	40,636	18,567	
	2003 Production:	98,527	52,993	
Lonetree Creek, West				Cumulative Oil Production (Bbls): 33,029
				Red River spacing units, S 1/2 and N 1/2 of Section 12, T24N, R56E. No well closer than 660' to spacing unit boundary or 1,320' to existing well (Order 73-82).
Long Creek				Cumulative Oil Production (Bbls): 96,225
Charles	1	1,608	0	Statewide.
	2003 Production:	1,608	0	
Long Creek, West				Cumulative Oil Production (Bbls): 924,262 Post-1986 Gas Production (MCF): 7,680
Nisku	2	17,133	688	80-acre Nisku Fm. spacing units comprised of two contiguous quarter quarter sections in either one or two
	2003 Production:	17,133	688	governmental sections aligned either N-S or E-W; locations no closer than 330' to unit boundary nor 1,000' to any other producing well (Order 27-77). Field enlarged (Order 71-83).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Lookout Butte				Cumulative Oil Production (Bbls): 30,121,153 Post-1986 Gas Production (MCF): 1,581,640
Madison	3	7,241	1,744	160-acre spacing; well location in center of SE 1/4 of each quarter section with 150' topographic tolerance (Order
Siluro-Ordovician	45	521,009	131,586	21-62). Coral Creek Unit not subject to spacing rules. Redelineated (Orders 7-63, 5-95). Field reductions (Orders 57-85, 6-87, 69-94). Waterflood of Silurian-Ordovician (Order 35-66). Coral Creek Deep Unit expanded to include
	2003 Production:	528,250	133,330	all of Siluro-Ordovician (Order 155-00). Expanded enhanced recovery project approved, Coral Creek Deep Unit (Order 14-01).
Lookout Butte, East, Unit				Cumulative Oil Production (Bbls): 12,138,044 Post-1986 Gas Production (MCF): 3,498,664
Red River	53	1,757,201	386,776	22 delineated Red River spacing units with wells located no closer than 660' to the unit boundary with 175'
	2003 Production:	1,757,201	386,776	topographic tolerance (Order 87-85). Field enlargement and inclusion of Madison Group and all Silurian formations (Order 6-87). Pilot waterflood (Orders 19-88, 21-89, 42-90A, 49-90, 77-92, 35-93, 23-94). Redelineation of pilot area, certification as an expanded enhanced recovery project (Order 53-94). Red River Formation enhanced recovery unit (Order 70-95).
Loring				Post-1986 Gas Production (MCF): 25,169,705
Bowdoin	52	0	279,737	640-acre spacing units with 2 wells per formation (Order 79-82 and 12-89). 4 wells per formation per spacing unit,
Phillips	25	0	139,889	no closer than 660' to section boundaries, 1,320' between wells producing from same formation, 150' tolerance for
Bowdoin, Greenhorn, Phillips	1	0	6,473	geologic and topographic reasons (Order 13-89). Pilot infill drilling program approved for a portion of the field, with up to 8 wells per spacing unit, inter-well distance reduced to 990' (Order 15-91). Commingle Carlile/Bowdoin,
Bowdoin, Phillips	147	0	905,614	Greenhorn and Phillips (Order 26-98).
Bowdoin, Niobrara	1	0	4,823	
Bowdoin, Phillips, Niobrara	1	0	352	
	2003 Production:	0	1,336,888	
Loring, East				Post-1986 Gas Production (MCF): 12,440,177
Bowdoin	12	0	76,698	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn and Phillips) exist, a well may be
Greenhorn	2	0	18,877	drilled to each formation and may be located no closer than 660' from the spacing unit boundaries (Order 60-82).
Martin Sandstone	1	0	3,998	640-acre spacing for lands under communitization agreements prior to field delineation, 4 wells per spacing unit; authorization to commingle (Order 39-97).
Phillips	11	0	43,716	addition2ddon to commingle (Craci co cr).
Bowdoin, Greenhorn	2	0	18,461	
Bowdoin, Greenhorn, Phillips	33	0	307,525	
Greenhorn-Phillips	6	0	35,567	
Bowdoin, Phillips	43	0	281,294	
Bowdoin, Phillips, Niobrara	1	0	869	
	2003 Production:	0	787,005	
Loring, West				Post-1986 Gas Production (MCF): 940,745
Bowdoin	5	0	48,712	Spacing units comprised of 1 full section with 4 wells permitted to each formation in each spacing unit located no
Phillips	2	0	9,629	closer than 660' to the exterior boundary of the section and no closer than 1,320' to a well in the same formation
Bowdoin, Greenhorn, Phillips	1	0	8,863	(Order 7-87). Field enlargement, commingling (Order 27-98).
Bowdoin, Phillips	5	0	26,571	
	2003 Production:	0	93,775	
Lost Creek				Cumulative Oil Production (Bbls): 1,534 Statewide.
				Cumulative Oil Production (Bbls): 342,389 Post-1986 Gas Production (MCF): 29,699
Lowell				
Lowell Mission Canyon	1	5,181	0	320-acre Red River spacing units consisting of two contiguous governmental quarter sections which may lie in
	1 1	5,181 4,660	0	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Lowell, South				Cumulative Oil Production (Bbls): 224,387 Post-1986 Gas Production (MCF): 43,784
Red River	1	16,299	2,867	Single Red River Formation spacing unit (Order 29-98).
	2003 Production:	16,299	2,867	
Lustre				Cumulative Oil Production (Bbls): 6,372,229 Post-1986 Gas Production (MCF): 1,152,418
Charles	25	72,508	19,516	80-acre Madison spacing units consisting of 1/2 of a regular governmental quarter section, either E 1/2 and W 1/2
Madison	3	30,560	0	or N 1/2 and S 1/2; well to be located in either NE 1/4 or SW 1/4 of each quarter section with 200' tolerance (Order
Mission Canyon	5	13,454	5,930	19-83). Field enlargement (Order 43-84). Field Reduction (Order 43-96). Madison spacing unit, horizontal well; 30N-44E-3: N2 (Order 6-01).
Ratcliffe	5	18,347	13,115	3011-44L-3. 112 (Older 0-01).
	2003 Production:	134,869	38,561	
Lustre, North				Cumulative Oil Production (Bbls): 190,737 Post-1986 Gas Production (MCF): 16,734
				80-acre spacing units for Madison Group Formations consisting of E 1/2 or W 1/2 of a governmental quarter
				section; wells located no closer than 660' to spacing unit boundary with 200' topographic or geologic tolerance
				(Order 39-84).
Mackay Dome				Cumulative Oil Production (Bbls): 118,812
Greybull	1	26	0	Statewide.
•	2003 Production:	26	0	
Malcolm Creek				Cumulative Oil Production (Bbls): 11,450
				Statewide.
Marias Divar				
Marias River Bow Island	15	0	44 000	Post-1986 Gas Production (MCF): 1,685,413
Bow Island	2003 Production:	0	41,089 41,089	One well per section per horizon above the top of the Kootenai (Order 18-78). Field enlargement (Order 12-83). 2 wells per zone in each spacing unit located no closer than 1,320' to each other and no closer than 990' to spacing
	2003 Pioduction.	U	41,009	unit boundaries (Order 26-90).
Mason Lake				Cumulative Oil Production (Bbls): 1,007,740
First Cat Creek	1	11	0	80-acre First Cat Creek Sand spacing units consisting of one half of a quarter section lying in either east-west or
	2003 Production:	11	0	north-south direction; well location in center of the NE and SW quarter-quarter sections of each quarter section with
			_	75' topographic tolerance (Order 35-78). Amend Order 35-78 for certain lots designated as spacing units (Order 66
				78). Field enlargement (Order 16-79). Pilot enhanced recovery approved (Orders 37-88, 67-89 and 52-90). Masor Lake (1st Cat Creek) Unit approved (Order 80-96).
Mason Lake North				Cumulative Oil Production (Bbls): 17,923
				Statewide.
McCabe				Cumulative Oil Production (Bbls): 296,302 Post-1986 Gas Production (MCF): 75,092
Ratcliffe	1	4,535	3,005	160-acre spacing units for Madison group; permitted wells no closer than 660' to spacing unit boundary (Orders 100
	2003 Production:	4,535	3,005	80, 43-79). 150' topographic tolerance (Order 3-81). Amended to eliminate the requirement of 1,650' between wells producing from the Madison group (Order 37-81).
				wells producing from the Madison group (Order 57-61).
McCabe, East				Cumulative Oil Production (Bbls): 125,846 Post-1986 Gas Production (MCF): 44,185
Red River	1	16,029	1,154	Statewide.
	2003 Production:	16,029	1,154	
McCabe, South				Cumulative Oil Production (Bbls): 6,599
				Single 320-acre spacing unit for production from Nisku and Red River Fms. (Order 81-82).
McCabe, West				Cumulative Oil Production (Bbls): 69,988 Post-1986 Gas Production (MCF): 16,087

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
McCoy Creek				Cumulative Oil Production (Bbls): 81,649 Post-1986 Gas Production (MCF): 24,858
Red River	1	2,309	0	Statewide.
	2003 Production:	2,309	0	
Meander				Cumulative Oil Production (Bbls): 8,194
Sunburst	2	200	0	40-acre spacing units for Sunburst with wells not closer than 330' to spacing unit boundaries (Order 30-82).
	2003 Production:	200	0	
Medicine Lake				Cumulative Oil Production (Bbls): 4,112,867 Post-1986 Gas Production (MCF): 1,782,218
Duperow	1	7,934	7,576	Delineated for formations from the base of the Winnipeg to the base of the Last Charles Salt; 320-acre spacing
Nisku	1	84	33	units comprised of any two contiguous governmental quarter sections in either one or two governmental sections;
Winnipegosis	1	4,157	4,083	wells no closer than 660' to unit boundary nor closer than 1,650' to any well producing from the same formation (Order 50-79). Additional Red River 'C' well, S/2 Sec. 22, T32N, R56E (Order 10-96).
Gunton	3	9,519	10,234	(Order 30-79). Additional Ned River & Well, 3/2 Sec. 22, 132N, R30L (Order 10-30).
Red River	1	10,521	9,807	
Gunton, Stonewall	1	622	250	
· · · · · · · · · · · · · · · · · · ·	2003 Production:	32,837	31,983	
Medicine Lake, South				Cumulative Oil Production (Bbls): 189,597 Post-1986 Gas Production (MCF): 182,016
Red River	1	12,075	9,235	Two designated 320-acre spacing units for Red River Formation production (Orders 101 and 102-98).
. 104 . 1170.	2003 Production:	12,075	9,235	The acceptance of a control of the c
Melstone			<u> </u>	Cumulative Oil Production (Bbls): 3,362,701
Tyler	2	7,329	0	Statewide.
.,	2003 Production:	7,329	0	
Melstone, North		<del>-</del>		Cumulative Oil Production (Bbls): 732,763 Post-1986 Gas Production (MCF): 257,909
Tyler	5	15,071	7,987	Waterflood unit approved (Order 125-82). Polymer-augmented tertiary recovery project approved (Order 37-84).
.,	2003 Production:	15,071	7,987	Certification as expanded enhanced recovery unit (Order 89-94).
Midby				Cumulative Oil Production (Bbls): 70,172
				Delineated for production from the Red River Fm. with 160-acre designated spacing units, 660' setback from
				spacing unit boundaries (Order 24-81).
Middle Butte				Post-1986 Gas Production (MCF): 684,326
Second White Specks	1	0	1,074	Orders 3-60, 21-75 amended to delineate field extension and 320-acre spacing units for Bow Island consisting of
Blackleaf Formation	1	0	11,047	the E 1/2 and W 1/2 of each section; well location no closer than 990' to the section line and 660' to the interior
Bow Island	3	0	28,018	boundary (Order 47-77). Enlarge (Order 25-93).
20.1 1010110	2003 Production:	0	40,139	
Midfork			-, -,	Cumulative Oil Production (Bbls): 840,030 Post-1986 Gas Production (MCF): 239,93
Unknown	1	150	0	Statewide. Also a single 80-acre Charles Formation spacing unit (Order 46-92). Single Nisku spacing unit,
Charles	6	28,829	12,904	horizontal well; 30N-45E-16: N2 (Order 5-01).
Mission Canyon	1	1,021	0	
Lodgepole	1	13,859	0	
Nisku	1	6,171	0	
Charles, Nisku	1	5,120	0	
Sharloo, Hond	2003 Production:	55,150	12,904	
Milk River	2000 1 100000011.	33,100	. =,00 1	Post-1986 Gas Production (MCF): 95
WIIIK KIVEF				` '
				Single 160-acre spacing unit for Phillips gas production (Order 12-98).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Mineral Bench				Cumulative Oil Production (Bbls): 186,656		
				Statewide.		
Miners Coulee				Cumulative Oil Production (Bbls): 153,294 Post-1986 Gas Production (MCF): 2,143,443		
Blackleaf Formation	1	0	3,703	Oil: 40-acre units Sunburst/Swift consisting of quarter-quarter sections; well location no closer than 330' to lease or		
Bow Island	10	0	34,881	property line and 660' to any other well (Order 9-66). Order 9-66 amended to comply with Order 5-74. Gas: 160-acre spacing units for horizons above Rierdon; wells to be located 990' from boundary (Orders 5-74, 43-76, 44-77).		
Sunburst	1	0	3,552	Sawtooth gas spacing unit (Order 43-76). Field redelineation/enlargement (Orders 77-76, 44-77, 4-80).		
Swift, Sunburst	1	0	1,046			
	2003 Production:	0	43,182			
Missouri Breaks				Cumulative Oil Production (Bbls): 437,188 Post-1986 Gas Production (MCF): 103,811		
				320-acre Red River spacing units as specified by Order 97-82. Creation of 320-acre spacing unit for production from Charles, Mission Canyon, and Nisku Formations (Order 8-95).		
Mon Dak, West				Cumulative Oil Production (Bbls): 12,329,872 Post-1986 Gas Production (MCF): 4,637,322		
Madison	8	41,661	31,018	320-acre spacing units for Silurian and Ordovician pools; Spacing units to consist of either N 1/2 and S 1/2, or E 1/2		
Mission Canyon	4	13,208	14,032	and W 1/2; wells no closer than 660' to unit boundary or closer than 1,650' to any well drilling to or producing from		
Duperow	2	37,219	45,876	same pool (Order 42-77). 320-acre spacing units for interval below Last Charles Salt and above the Devonian; either N 1/2 and S 1/2, or E 1/2 and W 1/2 of the section; well no closer than 660' to spacing unit boundaries or		
Red River	2	31,329	39,656	1,650' to any well drilling to or producing from same pool (Order 23-77). Madison Formation delineation (Order 51-		
Stony Mountain	1	10,361	12,082	79, amended, Order 95-83). Field Reduction (Order 42-96). Spacing unit for Bakken, Duperow, Stony Mountain,		
Stonewall	1	9,940	7,733	22N-59E-1:S2 (Order 144-00). Red River spacing unit, 22N-60E-17, S2, and 20, N2 (Order 195-03).		
Madison, Ordovician	1	7,171	3,002			
Red River, Stony Mountain	3	45,674	51,491			
•	2003 Production:	196,563	204,890			
Mona				Cumulative Oil Production (Bbls): 159,783 Post-1986 Gas Production (MCF): 419,171		
Red River	1	2,008	3,956	Statewide.		
	2003 Production:	2,008	3,956			
Monarch				Cumulative Oil Production (Bbls): 8,483,423 Post-1986 Gas Production (MCF): 646,408		
Siluro-Ordovician	22	178,966	59,316	80-acre Madison spacing units consisting of E 1/2 and W 1/2 of quarter section; well location in SW 1/4 and NE 1/4		
Red River	6	55,992	12,338	of quarter section; Location within 660' square at center of quarter section (Order 18-61). 160-acre Siluro-		
	2003 Production:	234,958	71,654	Ordovician spacing units consisting of a quarter section; well in center of SW 1/4 of each quarter section with 175' topographic tolerance (Orders 12-59, 4-63). Spacing waived within Siluro-Ordovician waterflood (Order 23-73).		
				Spacing units for horizontal wells (Orders 81-94, 2-96, 3-96, 68-96, 103-97, 24-98, 73-99, 32-00, 35-00, 156-00, 204-02). Exception locations (Orders 102-01, 103-01).		
Mosser Dome				Cumulative Oil Production (Bbls): 451,640		
Mosser Sand	23	3,764	0	Spacing waived. Future development requires administrative approval (Order 27-62).		
	2003 Production:	3,764	0			
Mt. Lilly				Post-1986 Gas Production (MCF): 159,802		
Bow Island	1	0	1,924	640-acre spacing for Madison; well location in center of any of the four quarter-quarter sections adjoining center of		
Swift	2	0	3,396	section; 250' topographic tolerance (Order 37-63).		
	2003 Production:	0	5,320			
Mud Creek						
				640-acre spacing units; wells located no closer than 1320' to section lines (Order 9-63). Amended to allow production from two wells in Sec. 12, T6N, R17E (Order 49-92).		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Musselshell				Cumulative Oil Production (Bbls): 43,150
Tyler	1	103	0	Statewide.
	2003 Production:	103	0	
Mustang				Cumulative Oil Production (Bbls): 1,152,403 Post-1986 Gas Production (MCF): 737,930
Madison	1	6,515	0	NE/4 Sec. 33, T24N, R 57E approved as single-well spacing unit for Bakken oil production (Order 54-94). Bakken
Ratcliffe	1	1,968	2,432	spacing units, 23N-57E-3: All, -34: All, 2 horiz. wells authorized, 660' setback (Orders 145-01, 147-01).
Bakken	4	22,014	19,741	
Red River	1	7,630	14,790	
	2003 Production:	38,127	36,963	
Neiser Creek				Cumulative Oil Production (Bbls): 609,205 Post-1986 Gas Production (MCF): 498,414
Red River	2	28,637	27,466	Single 160-acre Red River spacing unit (Order 78-82). Enlargement (Order 63-96). Include Winnipegosis and
	2003 Production:	28,637	27,466	commingling (Order 98-97).
Nielsen Coulee				Cumulative Oil Production (Bbls): 218,946 Post-1986 Gas Production (MCF): 121,663
McGowan Zone	1	2,533	0	Statewide. Second well in quarter section authorized (Order 37-93).
	2003 Production:	2,533	0	
Ninemile		·		Cumulative Oil Production (Bbls): 79,896 Post-1986 Gas Production (MCF): 39,928
Nisku	1	785	0	Statewide.
	2003 Production:	785	0	
Nohly				Cumulative Oil Production (Bbls): 7,963,906 Post-1986 Gas Production (MCF): 4,327,170
Madison	7	70,338	76,470	Single Red River spacing unit (Order 77-83). Field enlarged, 320-acre designated Red River spacing units (Order
Ratcliffe	5	24,640	46,781	54-84, 104-98). 160-acre Nisku spacing units, 660' setback from spacing unit boundaries, 150' topographic
Bakken	1	1,224	958	tolerance (Order 55-84). Nohly (Ratcliffe/Mission Canyon) field delineation; 160-acre spacing units with wells no closer than 660' to the spacing unit boundaries (Order 70-92). Ratcliffe/Mission Canyon Field enlargement (Orders
Nisku	1	11,209	7,494	6-94, 105-94).
Red River	2	29,008	51,109	
	2003 Production:	136,419	182,812	
Nohly, South				Cumulative Oil Production (Bbls): 145,482 Post-1986 Gas Production (MCF): 16,524
•				Single designated 320-acre spacing unit (Order 35-83).
North Fork				Cumulative Oil Production (Bbls): 630,244 Post-1986 Gas Production (MCF): 182,366
Madison	1	165	0	Statewide, plus single Madison spacing unit, N/2 Sec. 23, T24N, R59E, with designated well (Order 104-94).
Mission Canyon	2	5,249	5,200	2.1
<del></del> -, <del>-</del>	2003 Production:	5,414	5,200	
O'Briens Coulee		,	-,	Post-1986 Gas Production (MCF): 3,025,871
Second White Specks	2	0	23,480	Statewide.
Blackleaf Formation	1	0	1,518	CIGIOMIGO.
Bow Island	10	0	99,688	
Spike Zone, Blackleaf Fm.	2	0	52,552	
op.no zono, bidonodi i ini	2003 Production:	0	177,238	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Old Shelby				Post-1986 Gas Production (MCF): 15,119,014
Bow Island	9	0	55,441	320-acre spacing units to be comprised of either E 1/2, W 1/2, N 1/2, or S 1/2 of a section for Swift, Kootenai,
Sunburst	53	0	227,197	Dakota, and Sunburst gas; also delineated for Bow Island excluding T32N, R1W, Section 3 and T33N, R1W,
Swift	32	0	199,661	Sections 14, 23, 26, and 35; two wells per spacing unit per gas producing horizon with well location to be no closer than 660' to spacing unit boundaries or 1320' to another well producing from the same horizon in the same spacing
Bow Island, Sunburst, Swift	1	0	4,579	unit; wells drilled prior to April 1, 1953 exempted (Order 17-94 which supercedes all earlier orders). Field
Bow Island, Swift	2	0	12,200	enlargement (Orders 31-95, 95-02).
Swift, Sunburst	9	0	82,977	
	2003 Production:	0	582,055	
Olje				Cumulative Oil Production (Bbls): 163,500 Post-1986 Gas Production (MCF): 33,246 Single 160-acre Red River spacing unit (Order 35-85).
Ollie				Cumulative Oil Production (Bbls): 273,698 Post-1986 Gas Production (MCF): 26,750
Red River	1	3,485	0	320-acre specified spacing units for the Red River and Duperow formations with the permitted well for each spacing
	2003 Production:	3,485	0	unit to be located no closer than 660' to the spacing unit boundary (Order 73-80).
Otis Creek				Cumulative Oil Production (Bbls): 926,182 Post-1986 Gas Production (MCF): 94,479
Ratcliffe	1	4,849	2,182	Statewide.
	2003 Production:	4,849	2,182	
Otis Creek, South				Cumulative Oil Production (Bbls): 349,004 Post-1986 Gas Production (MCF): 129,233
Mission Canyon	1	9,658	3,637 320-acre spacing units for Red River; locations no closer than 660' to unit boundary (Order 39	320-acre spacing units for Red River; locations no closer than 660' to unit boundary (Order 39-72). Field
Dakota, Lakota	1	1,133	0	enlargement (Orders 56-76, 67-76). Amended, new spacing units to consist of quarter sections; locations no closer
,	2003 Production:	10,791	than 660' to spacing unit boundary or 1,650' to producing wells with 150' tolerance (Order 73-81). spacing unit for Charles Formation (Order 9-95).	than 660' to spacing unit boundary or 1,650' to producing wells with 150' tolerance (Order 73-81). Single 160-acre spacing unit for Charles Formation (Order 9-95).
Otter Creek				Cumulative Oil Production (Bbls): 28,492
				Single 160-acre spacing unit for production from Winnipegosis and Red River Fms. (Order 51-83).
Outlet				Cumulative Oil Production (Bbls): 6,384 Post-1986 Gas Production (MCF): 3,192  Delineated for production from the Madison Group; 160-acre spacing units with wells to be located no closer than
				660' to spacing unit boundaries (Order 11-94).
Outlook				Cumulative Oil Production (Bbls): 9,169,398 Post-1986 Gas Production (MCF): 450,439
Nisku	1	11,490	4,431	160-acre spacing units for Siluro-Devonian; well location in center of either SW 1/4 or NE 1/4 of each quarter
Mission Canyon, Bakken	1	1,446	3,697	section; 175' topographic tolerance (Order 19-59A).
Madison, Nisku	1	10,150	3,879	
	2003 Production:	23,086	12,007	
Outlook, South				Cumulative Oil Production (Bbls): 693,151 Post-1986 Gas Production (MCF): 2,495 160-acre spacing for Siluro-Devonian; permitted wells in either SW 1/4 or NE 1/4 of quarter section; 175' topographic tolerance (Order 19-59A). Red River and Siluro-Devonian commingling permitted in single spacing unit (Order 45-64).
Outlook, Southwest				Cumulative Oil Production (Bbls): 145,518 Post-1986 Gas Production (MCF): 9,570
Red River	1	3,370	0	Single 160-acre spacing unit for production from Red River Formation (Order 64-94) and Winnipegosis (Order 92-
	2003 Production:	3,370	0	94).
Outlook, West				Cumulative Oil Production (Bbls): 1,087,157 Post-1986 Gas Production (MCF): 2,040
Winnipegosis	1	26,102	0	160-acre spacing units for Winnipegosis; permitted wells in 840' square in the center of spacing unit and no closer
	2003 Production:	26,102	0	than 900' to quarter section boundaries (Order 7-67, amended, Order 26-67). Field reduction (Order 50-94).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Oxbow				Cumulative Oil Production (Bbls): 702,355 Post-1986 Gas Production (MCF): 464,15
Red River	3	30,977	41,676	320-acre spacing units consisting of two contiguous governmental quarter sections which may be in one or two
	2003 Production:	30,977	41,676	governmental sections aligned at operator's option; location to be no closer than 660' to the unit boundary or closer than 1,650' to a well producing from same pool (formations below 11,000) (Order 7-78). Field enlargement (Order 137-80).
Oxbow II				Cumulative Oil Production (Bbls): 693,291 Post-1986 Gas Production (MCF): 512,42
Ratcliffe	1	815	2,490	320-acre spacing units for Red River consisting of two contiguous quarter sections which may cross section lines;
Nisku	1	14,508	10,483	wells located no closer than 660' to spacing unit boundaries (Order 50-84).
	2003 Production:	15,323	12,973	
Palomino				Cumulative Oil Production (Bbls): 3,096,907 Post-1986 Gas Production (MCF): 61,06
Nisku	6	71,101	2,200	Statewide.
	2003 Production:	71,101	2,200	
Park City				Post-1986 Gas Production (MCF): 64,16
				Statewide.
Pasture Creek				Cumulative Oil Production (Bbls): 4,783
				Statewide.
Pelican				Cumulative Oil Production (Bbls): 191,494 Post-1986 Gas Production (MCF): 47,37
				Field rules vacated (Order 81-97).
Pennel				Cumulative Oil Production (Bbls): 105,749,795 Post-1986 Gas Production (MCF): 9,162,99
Siluro-Ordovician	195	2,367,026	563,453	Field originally delineated with 80-acre spacing units consisting of E and W 1/2 of quarter section; wells located in
Red River	2	20,620	5,250	center of SE 1/4 and NW 1/4 of quarter sections, 150' topographic tolerance (Order 15-61). 80-acre spacing units
	2003 Production:	2,387,646	568,703	on west side and 160-acre spacing units on east side of pool, wells to be located in SE 1/4 and NW 1/4 of each quarter section (80 acre spacing) and in SE 1/4 of each quarter section (160-acre spacing) (Orders 1-56, 8-56, 1561, 20-62, 4-63, 7-63). Spacing waived within unitized area (Order 24-68). Commingling approved (Order 59-62) Waterflood for Siluro-Ordovician (Order 24-68). Field reduction (Order 2-96). 660' internal setback from unit boundary (Order 74-99). Pennel Unit certified as expanded enhanced recovery unit (Order 15-01). New tertiary project (Order 39-02).
Pete Creek				Cumulative Oil Production (Bbls): 23,343 Statewide.
Phantom				Cumulative Oil Production (Bbls): 43,585 Post-1986 Gas Production (MCF): 314,47
Sunburst	2	0	5,988	Gas: Wells anywhere within the unit but no closer than 990' to the unit boundary. Oil: Wells with projected depths
Second White Specks, Spike	1	0	2,841	greater than 6,000' to be located no closer than 660' to the unit boundary; those with projected depths less than
	2003 Production:	0	8,829	6,000' to be located no closer than 330' to the unit boundary; formations between surface and top Rierdon included (Order 48-77).
Phantom, West				Post-1986 Gas Production (MCF): 466,02
Sunburst	2	0	16,357	Delineated for Sunburst Sandstone gas production with one well per spacing unit located no closer than 660' to the
	2003 Production:	0	16,357	exterior boundaries of the three designated spacing units (Order 65-78).
Pine				Cumulative Oil Production (Bbls): 119,910,767 Post-1986 Gas Production (MCF): 4,002,58
Madison	1	3,449	292	Statewide spacing rules waived within the Pine Unit. 80-acre spacing units outside of unit area; well location in NV
Siluro-Ordovician	114	1,172,133	245,896	1/4 and SE 1/4 of quarter section; 150' topographic tolerance (Order 37-62). A waterflood program for the south
23.0 0.301.0411	2003 Production:		246,188	area was started in 1959. A waterflood of the north area was approved in 1967 (Orders 13-68, 1-60, 8-62, 32-67). Brine and CO2 injection test (Order 70-83). Re-delineation (Order 16-97). 640-acre spacing unit for horizontal wells (Order 23-98). North Pine and South Pine Units certified as expanded enhanced recovery projects (Orders 11-01, 13-01).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Pine Gas				Post-1986 Gas Production (MCF): 4,632,882
Eagle	37	0	509,106	160-acre spacing units for production of gas from top of the Judith River to top of the Greenhorn, wells no closer
Judith River	24	0	181,654	than 660' to spacing unit boundaries with 460' topographic tolerance (Order 60-98). Field enlargements (Orders 64-
	2003 Production:	0	690,760	98, 47-99, 48-99, 36-00, 37-00, 124-01).
Pine, East				Cumulative Oil Production (Bbls): 19,349 Statewide.
Pipeline				Cumulative Oil Production (Bbls): 16,424 Post-1986 Gas Production (MCF): 2,111 Statewide.
Plentywood				Cumulative Oil Production (Bbls): 22,830 Statewide.
Plevna				Post-1986 Gas Production (MCF): 79,962
Eagle	2	0	22,899	Delineated for Judith River and Eagle gas production, 1200' setback from quarter section lines, 2400' between wells
-	2003 Production:	0	22,899	on same lease, 75' topographic tolerance (Order 34-54). Redelineation (Order 4-57).
Plevna, South				Post-1986 Gas Production (MCF): 386,111
Eagle	6	0	63,995	Delineated for Eagle gas production; 160-acre quarter section spacing units, 660' setback, 150' topographic
	2003 Production:	0	63,995	tolerance (Order 77-00).
Pole Creek				Cumulative Oil Production (Bbls): 169,726 Statewide.
Police Coulee				Cumulative Oil Production (Bbls): 14 Post-1986 Gas Production (MCF): 623,059
Bow Island	8	0	30,372	320-acre spacing units for Bow Island Formation; location no closer than 990' to section line and 660' to half section
	2003 Production:	0	30,372	lines; spacing units to consist of N 1/2 or S 1/2, E 1/2 or W 1/2 at discretion of operator (Order 53-76). Field enlargements (Orders 24-77, 20-79, and 46-79).
Pondera				Cumulative Oil Production (Bbls): 28,282,345 Post-1986 Gas Production (MCF): 171
Madison	246	151,298	0	Delineated for production from Ellis/Madison contact; Oil: 220' from legal subdivision, 430' from other wells in same
Sun River Dolomite	12	6,403	0	reservoir on same lease; 75' topographic tolerance (Order 2-54). Porter Bench Extension: 330' from legal
	2003 Production:	157,701	0	subdivision line; 650' from other wells in same reservoir on same lease or unit; 75' topographic tolerance (Order 9-54). Gas: Wells no closer than 1,320' from any quarter section line, nor 3,700' to other drilling or producible wells on the same lease or unit (Order 9-54 corrected). Designate six 160-acre spacing units for gas, wells no closer than 660' from unit boundaries (Order 26-83).
Pondera Coulee				Cumulative Oil Production (Bbls): 122,824
Madison	3	1,326	0	330' from legal subdivision lines or upon a 10-acre spacing pattern; 75' topographic tolerance (Order 5-62).
Sun River Dolomite	4	1,618	0	
	2003 Production:	2,944	0	
Poplar, East				Cumulative Oil Production (Bbls): 47,020,443
Heath	3	12,345	0	Field delineation (Order 7-55). Redelineation (Order 25-76). Horizontal well exception and removal of production
Charles	4	29,571	0	restrictions for horizontal wells (Order 67-93). Unitized (Order 7-55). Removal of internal setback requirements
Madison	27	50,395	0	except for non-committed lands (Order 69-96).
	2003 Production:	92,311	0	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Poplar, Northwest				Cumulative Oil Production (Bbls): 4,646,158 Post-1986 Gas Production (MCF): 1,110,254
Charles	20	67,278	11,548	80-acre spacing units, E 1/2 and W 1/2 of each quarter section; wells in the center of NW 1/4 or SE 1/4 of each
Madison	1	666	0	quarter section with 75' tolerance for surface hazards and obstructions (Order 18-55). 80-acre designated spacing
200	O3 Production:	67,944	11,548	units with well location in the center of the NW 1/4 or SE 1/4 of each quarter section; 150' topographic or geologic tolerance (Order 26-76). 80-acre spacing units to be N 1/2 and S 1/2 or E 1/2 and W 1/2 of each quarter section; wells located in center of each NE 1/4 or SW 1/4 of each quarter section, 150' topographic or geologic tolerance (Orders 124-80, 83-83, 97-84 and 6-85). 80-acre spacing units for test wells to the Charles formation; spacing units to be N 1/2 and S 1/2 or E 1/2 and W 1/2 of each quarter section; wells in center of NE 1/4 or SW 1/4 of each quarter section, 150' tolerance for archeological reasons only (Order 161-81). Field enlargement with 80-acre spacing units consisting of N 1/2 and S 1/2 of each quarter section; wells in center of the NE or SW quarter of each quarter section with 150' topographic or geologic tolerance (Order 42-83).
Poplar, Southeast				Cumulative Oil Production (Bbls): 162,546 Statewide.
Potter				
				Single section delineated for production of gas from all formations between the surface and the top of the Jurassic Rierdon Formation with one designated well (Order 8-93).
Prairie Dell				Cumulative Oil Production (Bbls): 1,575 Post-1986 Gas Production (MCF): 12,431,512
Bow Island	6	0	24,380	320-acre spacing units for all horizons above the Rierdon, wells no closer than 660' to spacing unit boundary
Dakota	1	0	793	(Order 10-76). Field enlargement (Orders 28-78, 24-79, 132-80, 40-81, 54-81, 142-81, 56-83, 9-85, 60-86, 12-87,
Sunburst	8	0	31,579	21-95, 63-97, 49-98, 50-98). Two wells per spacing unit for a portion of the field, well locations no closer than 1,320' to a producing well from the same zone and 660' to the spacing unit boundary (Orders 21-88, 3-91, 35-92,
Swift	10	0	52,042	48-92 and 51-92). Two 160-acre spacing units (Order 3-89). Two wells per spacing unit, 34N-1W-26 (Order 141-
Bow Island, Dakota, Sunburst	10	0	33,792	00).
Bow Island, Sunburst, Swift	7	0	58,699	
Bow Island, Dakota, Swift	7	0	31,696	
Bow Island, Dakota	12	0	26,489	
Bow Island, Dakota, Sunburst, Swift	18	0	61,358	
Bow Island, Sunburst	25	0	120,675	
Bow Island, Swift	11	0	60,278	
Bow Island, Dakota, Kootenai, Swift	1	0	2,986	
Dakota, Sunburst, Swift	1	0	4,561	
Sunburst, Dakota	3	0	7,874	
Swift, Sunburst	2	0	17,069	
200	03 Production:	0	534,271	
Prairie Dell, West				Post-1986 Gas Production (MCF): 774,097
Swift	2	0	8,720	640-acre spacing unit for Swift Formation with well no closer than 990' to spacing unit boundary (Order 16-78).
Bow Island, Dakota, Swift	2	0	7,296	Include all horizons above the Rierdon Formation (Order 54-78). Field enlarged (Order 55-78). Field enlarged and
Bow Island, Dakota	1	0	6,874	amended to allow 4 wells per spacing unit no closer than 1,320' to each other and no closer than 660' to the unit boundaries (Order 22-90).
Bow Island, Dakota, Sunburst, Swift	1	0	215	Doundanes (Ordel 22-30).
Bow Island, Sunburst	2	0	3,063	
Bow Island, Swift	2	0	12,569	
Bow Island, Dakota, Kootenai, Sunburs	t 2	0	5,153	
200	03 Production:	0	43,890	
Prairie Elk				Cumulative Oil Production (Bbls): 104,226 Statewide.

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Prichard Creek				Cumulative Oil Production (Bbls): 165,791 Post-1986 Gas Production (MCF): 71
Sunburst	1	153	0	Sunburst/Swift spacing rules waived with locations subject to administrative approval. Unitized for Sunburst
Swift	1	117	0	waterflood (Order 7-73).
	2003 Production:	270	0	
Pronghorn				Cumulative Oil Production (Bbls): 490,237 Post-1986 Gas Production (MCF): 81,819
Red River	1	2,154	244	160-acre spacing units for Red River; wells located no closer than 660' to unit boundary with 150' topographic or
	2003 Production:	2,154	244	geologic tolerance (Orders 75-84 and 110-84).
Pumpkin Creek				
				640-acre spacing units for production of gas from the Shannon/Eagle interval, 990' setback from spacing unit boundaries (Order 10-71).
Putnam				Cumulative Oil Production (Bbls): 5,962,553 Post-1986 Gas Production (MCF): 1,307,057
Madison	3	5,732	1,480	Statewide, except for single spacing unit consisting of portions of Sections 15 and 16, T23N, R57E for production
Mission Canyon	6	18,930	13,053	from all formations between 6,000 to 11,000 feet (Orders 2-84, Order 11-85). Single Mission Canyon Formation
Bakken	2	27,323	8,579	spacing unit, E/2 NE/4, Sec. 32 and W/2 NW/4, Sec. 33, T23N, R57E (Order 18-93). Single Duperow spacing unit, 23N-57E-28: W2 (Order 23-01).
Duperow	1	20,947	28,731	2514 57 L 20. W2 (Older 25 61).
Red River	2	22,260	13,035	
Mission Canyon, Bakken	1	2,747	3,787	
•	2003 Production:	97,939	68,665	
Rabbit Hills				Cumulative Oil Production (Bbls): 2,711,521
Bowes Member	3	17,262	0	Southwest Rabbit Hills: 160-acre Sawtooth Fm. spacing unit, NW/4, 34N-19E- 24 with 4 wells, 330' setback from
Sawtooth	15	67,285	0	boundaries; four 40-acre spacing units, NE/4, 34N-19E-23, 330' setback from boundaries (Orders 33-76, 78-92, 3-
	2003 Production:	84,547	0	93). Northeast Rabbit Hills: Single 160-acre Sawtooth Fm. spacing unit with one well per quarter quarter section, 330' setback from quarter quarter boundaries (Orders 33-76, 98-83). Pilot tertiary recovery project including a portion of Northeast Rabbit Hills Field (Order 78-95). Rabbit Hills Unit approved (Order 202-02).
Rabbit Hills, South				Cumulative Oil Production (Bbls): 191,841
Bowes Member	2	6,157	0	Statewide.
Sawtooth	2	14,181	0	
	2003 Production:	20,338	0	
Ragged Point				Cumulative Oil Production (Bbls): 3,806,076 Post-1986 Gas Production (MCF): 17,488
Tyler	3	746	0	40-acre spacing units; 75' topographic tolerance (Order 8-59). Spacing waived for Tyler "A" Sand Unit except no
•	2003 Production:	746	0	well can be closer than 660' to unit boundary, Tyler "A" waterflood (Order 35-65). Certification of expanded enhanced recovery project effective 4/1/95 (Order 18-95).
Ragged Point, Southwest				Cumulative Oil Production (Bbls): 648,887
Tyler	9	10,342	0	Waterflood approval; drill and produce Tyler "A" Formation wells anywhere within the unit but not closer than 330'
	2003 Production:	10,342	0	to the unit boundaries (Order 83-82).
Rainbow				Cumulative Oil Production (Bbls): 166,375 Post-1986 Gas Production (MCF): 101,594 Single 160-acre Red River spacing unit (Order 69-82).
Rapelje				Post-1986 Gas Production (MCF): 193,405
				160-acre spacing for formations from surface to base of Telegraph Creek; wells no closer than 990' to unit boundary; commingling with administrative approval (Order 29-73).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
Rattler Butte				Cumulative Oil Production (Bbls): 1,679,426 Post-1986 Gas Production (MCF): 81,244			
Tyler	8	65,266	5,263	Rattler Butte (Tyler "A") Unit approved (Order 39-92). East Rattler Butte (Tyler "C") Unit (Order 90-98).			
	2003 Production:	65,266	5,263				
Rattler Butte, South				Cumulative Oil Production (Bbls): 14,745			
Tyler	1	1,111	0	Statewide.			
	2003 Production:	1,111	0				
Rattlesnake Butte				Cumulative Oil Production (Bbls): 682,292 Post-1986 Gas Production (MCF): 80,834			
First Cat Creek	2	5,541	3,300	Statewide.			
Second Cat Creek	2	4,312	0				
Amsden	4	2,215	0				
	2003 Production:	12,068	3,300				
Rattlesnake Coulee				Cumulative Oil Production (Bbls): 91,024 Post-1986 Gas Production (MCF): 111,504			
Sunburst	1	0	1,619	Statewide.			
	2003 Production:	0	1,619				
Raymond				Cumulative Oil Production (Bbls): 5,601,077 Post-1986 Gas Production (MCF): 3,910,543			
Duperow	1	106	0	320-acre spacing units for Red River, Winnipegosis, Duperow, and Nisku formations. Wells 660' from spacing unit			
Nisku	2	2,805	10,166	boundary (Order 38-72). Gas Storage (Order 50-78 and amended by Order 60-79). Mississippian pool delineation			
Winnipegosis	1	20,049	5,415	with 40-acre spacing units, wells no closer than 330' to spacing unit boundary (Order 35-79). Field enlargement for Mississippian pool (Orders 31-80 and 128-80). Field reduction for Nisku pool (Order 135-81). Nisku Formation			
Red River	1	13,530	13,334	rules suspended for unit except for 660' setback distance from external unit boundaries (Order 3-86). Authoriza			
	2003 Production:	36,490	28,915	to inject Duperow gas into the Nisku Formation (Order 135-81).			
Raymond, North				Cumulative Oil Production (Bbls): 146,771 Post-1986 Gas Production (MCF): 7,872			
Nisku	1	9	0	Delineated with single Red River spacing unit (Order 94-82). Enlargement, designated spacing unit (Order 31-98).			
Red River	2	608	234				
	2003 Production:	617	234				
Raymond, Northeast				Cumulative Oil Production (Bbls): 120,687			
Raymond, Northeast							
<b>,</b>				Designated spacing units for production from Red River, Winnipegosis, and Nisku (Orders 12-74, 20-74, 1-79).			
,							
Reagan	1	0	2 286	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113			
Reagan Blackleaf Formation	1 53	0 84.191	2,286 79.021	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113			
Reagan	53	84,191	79,021	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order			
Reagan Blackleaf Formation Madison	•		•	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).			
Reagan Blackleaf Formation Madison  Red Bank	53 2003 Production:	84,191 84,191	79,021 81,307	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).  Cumulative Oil Production (Bbls): 2,436,396 Post-1986 Gas Production (MCF): 326,068			
Reagan Blackleaf Formation Madison  Red Bank Madison	53 2003 Production: 6	84,191 84,191 36,119	79,021 81,307	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).			
Reagan Blackleaf Formation Madison  Red Bank	53 2003 Production:	84,191 84,191 36,119 11,679	79,021 81,307 12,137 3,415	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).  Cumulative Oil Production (Bbls): 2,436,396 Post-1986 Gas Production (MCF): 326,068			
Reagan Blackleaf Formation Madison  Red Bank Madison	53 2003 Production: 6 2	84,191 84,191 36,119	79,021 81,307	Cumulative Oil Production (Bbls): 10,173,162 Post-1986 Gas Production (MCF): 2,840,113 Statewide. (Order 17-54) A pressure maintenance project utilizing gas injection (Order 21-60). Waterflood (Order 27-72).  Cumulative Oil Production (Bbls): 2,436,396 Post-1986 Gas Production (MCF): 326,068			

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
Red Creek				Cumulative Oil Production (Bbls):	6,963,885	Post-1986 Gas Production (MCF):	164,409
Cut Bank	3	5,660	0	40-acre spacing units; wells in center of	spacing unit with	75' topographic tolerance; spacing and field	rules waived
Sunburst	1	1,008	0	for unitized portion (Orders 16-58, 31-64	l, 5-70). Field enl	arged (Order 9-62), redelineated (Order 73-6	62).
Madison	5	19,780	0				
Cut Bank, Madison	3	6,268	0				
	2003 Production:	32,716	0				
Red Fox				Cumulative Oil Production (Bbls):	380,137	Post-1986 Gas Production (MCF):	755
				Field consists of one 160-acre spacing u	unit for Nisku prod	duction (Order 20-67).	
Red Rock						Post-1986 Gas Production (MCF):	31,436,325
Eagle	62	0	4,482,007	Eagle Spacing units consisting of the N	1/2 and S 1/2 of s	section with permitted well to be no closer that	an 990' to
Judith River	1	0	146,102	exterior section line nor closer than 660'	to half section lin	e (Order 89-79).	
Niobrara	11	0	204,394				
Eagle, Niobrara	2	0	61,366				
<b>3</b> /	2003 Production:	0					
Red Water				Cumulative Oil Production (Bbls):	134,989	Post-1986 Gas Production (MCF):	18,106
Winnipegosis	1	1,217	2,492	, ,	, ,	,	
ed River	1	1,167	1,420				
	2003 Production:	2,384	3,912				
Red Water, East				Cumulative Oil Production (Bbls):	402,266	Post-1986 Gas Production (MCF):	165,190
Bakken	1	22,562	10,989	10,989 320-acre spacing units for Red River Formation consisting of 2 contiguous quarter sections with		g of 2 contiguous quarter sections with perm	itted well no
Dawson Bay	1	7,930	604	alegar than CCC to outsign boundaries of appaign unit (Order 24.83). Commission Red Diver Days	der 31-83). Commingle Red River, Dawson	Bay in	
Red River	1	2,700	415	Williams 1-4 well (Order 148-00).			
	2003 Production:	33,192	12,008				
Redstone				Cumulative Oil Production (Bbls):	474,019	Post-1986 Gas Production (MCF):	141
				160-acre spacing units for production fro	om the Winnipego	osis; wells no closer than 660' to spacing uni	it boundaries
				(Order 30-67).			
Refuge				Cumulative Oil Production (Bbls):	312,284	Post-1986 Gas Production (MCF):	151,637
Ratcliffe	1	0	1	Statewide.			
Red River	1	110	473				
	2003 Production:	110	474				
Repeat				Cumulative Oil Production (Bbls):	547,064	Post-1986 Gas Production (MCF):	4,000
•				Statewide.			
Reserve				Cumulative Oil Production (Bbls):	2,156,407	Post-1986 Gas Production (MCF):	442,196
Red River	5	22,060	18,344			duction with 160-acre spacing units; permitte	
	2003 Production:	22,060	18,344	1,320' square in center of quarter section; commingling of Re	Red River and Interlake production permitte	d on	
		,	•	individual well basis (Orders 34-66, 27-6 spacing (Orders 11-96, 12-96, 66-96).	67). Field reduction	on (Order 68-85, 100-94). Redelineation and	temporary
Reserve II				Cumulative Oil Production (Bbls):	222,001	Post-1986 Gas Production (MCF):	116,591
Interlake	1	972	268	` '	•	Single 160-acre spacing unit for Winnipego	•
HILOHAKE				and Gunton (Order 55-88).	voi (Oluei 44-07)	. Only to 100-acre spacing unit for willinpegt	Joio, IIIIGIIANE
пцепаке	2003 Production:	972	268 268		vei (Order 44-87).	. Single 160-acre spacing unit for winnipego	osis, inte

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Reserve, South				Cumulative Oil Production (Bbls): 107,929 Post-1986 Gas Production (MCF): 99,027
				Statewide, plus single spacing unit for Red River production (Order 33-86).
Richey				Cumulative Oil Production (Bbls): 2,030,121
				Statewide, original 80-acre spacing revoked (Order 11-73).
Richey, East				Cumulative Oil Production (Bbls): 10,386
				Statewide.
Richey, Southwest				Cumulative Oil Production (Bbls): 1,903,189 Post-1986 Gas Production (MCF): 1,600
				160-acre spacing units for production from Devonian, Silurian, and Ordovician; wells no closer than 900' to boundary of spacing unit (Order 25-62). Waterflood project in the Interlake and Dawson Bay (Order 34-65).
Richey, West				Cumulative Oil Production (Bbls): 11,062
				Statewide.
Ridgelawn				Cumulative Oil Production (Bbls): 7,889,331 Post-1986 Gas Production (MCF): 4,452,940
Madison	1	227	0	160-acre Duperow spacing units; wells no closer than 660' to spacing unit boundary with 150' topographic tolerance
Mission Canyon	6	25,774	8,052	(Order 18-89). Ridgelawn Duperow Unit approved (Orders 49-89, 55-89 and 11-90).
Ratcliffe	3	8,319	4,260	
Duperow	2	31,160	27,133	
Red River	4	59,813	111,710	
	2003 Production:	125,293	151,155	
Ridgelawn, North				Cumulative Oil Production (Bbls): 380,545 Post-1986 Gas Production (MCF): 213,937
Madison	1	8,038	9,056	Single 640-acre spacing unit (Order 11-92).
Mission Canyon	1	9,956	0	
•	2003 Production:	17,994	9,056	
Riprap Coulee				Cumulative Oil Production (Bbls): 991,842 Post-1986 Gas Production (MCF): 345,230
Ratcliffe	5	35,266	33,138	160-acre spacing units for Ratcliffe; wells located no closer than 660' from spacing unit boundary with 150'
	2003 Production:	35,266	33,138	topographic and geologic tolerance (Order 93-84). Single spacing unit, Ratcliffe 26N-59E-3: NW and 4: N/2 (Order 29-01).
River Bend				Cumulative Oil Production (Bbls): 275,733 Post-1986 Gas Production (MCF): 191,311
				Statewide.
Rocky Boy Area				Post-1986 Gas Production (MCF): 1,764,618
Eagle	11	0	458,584	Statewide.
	2003 Production:	0	458,584	
Rocky Point				Cumulative Oil Production (Bbls): 630,290 Post-1986 Gas Production (MCF): 297,349
Red River	1	9,826	5,601	320-acre Red River spacing unit; wells no closer than 660' to exterior boundary (Order 22-79).
	2003 Production:	9,826	5,601	, -
Roscoe Dome				Cumulative Oil Production (Bbls): 15,556
				Statewide. Steam injection into Greybull and Lakota formations (Order 40-82).
Rosebud				Cumulative Oil Production (Bbls): 571,623 Post-1986 Gas Production (MCF): 3,975
Tyler	3	5,012	0	Statewide. Rosebud "Tyler B" waterflood unit approved (Order 30-91).
<b>y</b> -	2003 Production:	5,012	0	7
		5,5.2	3	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary			
Rough Creek				Cumulative Oil Production (Bbls): 3,599 aka Duncan Creek			
Rough Ridge							
				Statewide.			
Royals				Cumulative Oil Production (Bbls): 385,750 Post-1986 Gas Production (MCF)	136,671		
Dawson Bay	1	5,412	0	Statewide.	•		
•	2003 Production:	5,412	0				
Royals, South				Cumulative Oil Production (Bbls): 3,082 Statewide.			
Rudyard				Cumulative Oil Production (Bbls): 27,375 Post-1986 Gas Production (MCF)	944,877		
Eagle	3	0	14,967	640-acre spacing units for Sawtooth gas production; well location in center of NW 1/4 of section w	ith 75'		
Sawtooth	4	852	32,821	topographic tolerance (Order 2-58). Field reduction (Order 39-76). Two wells per 640-acre spacing			
	2003 Production:	852	47,788	setback from spacing unit boundaries, 1320' between wells in the same spacing unit (Order 15-93 (Eagle) delineation: 640-acre spacing units for Eagle Formation, 2 wells per spacing unit to be locathan 330' to interior spacing unit boundaries, 990' to field boundaries (Order 33-94).			
Runaway				Cumulative Oil Production (Bbls): 4,532 Statewide.			
Rush Mountain				Cumulative Oil Production (Bbls): 917,451 Post-1986 Gas Production (MCF)	250,422		
Ratcliffe	1	10,538	14,640	Statewide. Commingling, Hoffelt #2 well (Order 17-85).			
Gunton	1	11,363	5,715	,			
	2003 Production:	21,901	20,355				
Sage Creek				Post-1986 Gas Production (MCF)	1,646,446		
Second White Specks	10	0	68,337	640-acre spacing for horizons above the Kootenai, one producing well per section per formation to	be located no		
Blackleaf Formation	1	0	879	closer than 990' from section line (Order 38-77). Boundary amendment (Order 86-79). Enlargem	ent (Orders 33-		
Bow Island	1	0	10,026	81, 65-83 and 36-84).			
	2003 Production:	0	79,242				
Salt Lake				Cumulative Oil Production (Bbls): 1,194,046 Post-1986 Gas Production (MCF)	64,547		
Bakken	1	307	0	Four 160-acre spacing units for Red River Formation with production allocation by stipulated agree	ment (Order 48-		
Nisku	1	2,484	0	89).			
Gunton	1	3,910	0				
Red River	1	9,618	0				
	2003 Production:	16,319	0				
Salt Lake, West				Cumulative Oil Production (Bbls): 282,185			
Ratcliffe	1	15,336	0	Single 160-acre spacing unit for Ratcliffe production (Order 47-92).			
	2003 Production:	15,336	0				
Sand Creek				Cumulative Oil Production (Bbls): 2,402,080 Post-1986 Gas Production (MCF)	10,610		
Charles	2	2,883	0	80-acre spacing units for production from the Silurian and Ordovician consisting of any two adjace			
Charles, Interlake	1	51	0	sections; wells to be located in the center of NW and SE 1/4 of each quarter section with 150' top	0 1		
	2003 Production:	2,934	Order 20-66).	tolerance (Order 16-59). Commingling of Interlake and Red River production (Order 49-62). Field (Order 20-66).	emargement		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Sandwich				Post-1986 Gas Production (MCF): 2,252
				320-acre spacing units for production of gas from Swift; wells to be located no closer than 990' to spacing unit boundaries (Order 17-77).
Saturn				Cumulative Oil Production (Bbls): 32,773 Post-1986 Gas Production (MCF): 7,198 Statewide.
Sawtooth Mountain				Post-1986 Gas Production (MCF): 16,380,748
Eagle	55	0	1,874,972	640-acre spacing units for Eagle and Judith River formations, one well per section per formation located not less
Judith River	4	0	16,859	than 990' from governmental section line (Order 45-76). One well per formation per quarter section in six sections;
Judith River, Eagle	2	0	27,433	wells no closer than 660' to quarter section lines and 990' to section lines (Order 65-85). 4 wells per formation per section for 3 additional sections (Ordered 62-89). Numerous well density, location exceptions.
-	2003 Production:	0	1,919,264	Section for 3 additional sections (Ordered 02-03). Numerous well density, location exceptions.
Scobey				Cumulative Oil Production (Bbls): 3,916 Statewide.
Second Creek				Cumulative Oil Production (Bbls): 1,453,105 Post-1986 Gas Production (MCF): 361,049
Duperow	1	2,921	5,679	303.1-acre Red River spacing unit (Order 34-78). 160-acre Duperow spacing units; well locations for each unit as
•	2003 Production:	2,921	5,679	specified (Order 119-80). Duperow spacing units combined into single spacing unit (Order 97-98).
Second Guess				Cumulative Oil Production (Bbls): 28,640
Madison	2	1,248	0	40-acre spacing units for oil production from top 100' of Mississippian Madison Formation to the surface; wells to be
	2003 Production:	1,248	0	located no closer than 330' to the spacing unit boundaries with 75' for topographic tolerance (Order 57-91).
Sheepherder				Cumulative Oil Production (Bbls): 76,942 Statewide.
Shelby Area				Cumulative Oil Production (Bbls): 1,251 Post-1986 Gas Production (MCF): 210,795
Sunburst	1	0	10,321	Statewide.
	2003 Production:	0	10,321	
Shelby, East				Post-1986 Gas Production (MCF): 650,025
Bow Island	1	0	11,607	640-acre spacing units for all formations from the surface to the top of the Rierdon Formation (Order 8-91).
Burwash	1	0	2,214	Enlarged, amended to allow 2 wells per spacing unit no closer than 990' to the section line and no closer than 990'
Sunburst	4	0	10,661	to another well in the same section producing from the same horizon (Order 45-91). Enlarged for Bow Island
	2003 Production:	0	24,482	production (Order 61-91).
Sherard				Post-1986 Gas Production (MCF): 776,744
Eagle	8	0	25,580	640-acre Eagle spacing units; 990' setback from section line (Order 1-74). 160-acre Eagle spacing units for
Judith River	1	0	146	Section 8, T25N, R17E; wells located no closer than 990' from section line, 660' from quarter section line (Order 7-
	2003 Production:	0	25,726	77). Enlarged, well locations no closer than 660' from quarter section line in enlarged area (Order 4-83). 320-acre Eagle gas spacing units for Sections 19 and 30, T26N, R17E; wells no closer than 990' to spacing unit boundaries (Order 24-87).
Sherard, Area				Post-1986 Gas Production (MCF): 22,987,221
Eagle	63	0	2,003,249	Statewide, numerous exceptions.
Judith River	9	0	94,225	•
	2003 Production:	0	2,097,474	
Short Creek				Cumulative Oil Production (Bbls): 8,950
				Single 640-acre Nisku spacing unit with 4 horizontal wells, 330' setback from section lines (Order 40-99).

Field, Reported Formation	# of Wells	Oil, Bbls	Bbls Gas, MCF	Cumulative Production And Regulation Summary			
Shotgun Creek				Cumulative Oil Production (Bbls): 920,550 Post-1986 Gas Production (MCF): 119,50			
Ratcliffe	6	66,390	15,000	Statewide.			
	2003 Production:	66,390	15,000				
Shotgun Creek, North				Cumulative Oil Production (Bbls): 89,673			
				320-acre spacing units for Red River and Gunton production; wells located no closer than 660' to spacing unit boundaries and 1500' to another well producing from the same formation (Order 49-77).			
Sidney				Cumulative Oil Production (Bbls): 3,599,791 Post-1986 Gas Production (MCF): 713,42			
Madison	4	5,720	3,286	160-acre spacing units for Madison group with one well per spacing unit to be located no closer than 660' from uni			
Ratcliffe	3	10,628	4,085	boundary and no closer than 1,650' to well producing from the same formation (Order 5-79). Field enlargement			
Bakken	1	785	1,436	(Order 99-80).			
Red River	2	2,106	2,300				
	2003 Production:	19,239	11,107				
Sidney, East				Cumulative Oil Production (Bbls): 622,534 Post-1986 Gas Production (MCF): 93,57			
Madison	1	721	0	Statewide.			
Mission Canyon	1	1,839	0				
	2003 Production:	2,560	0				
Signal Butte				Post-1986 Gas Production (MCF): 221,86			
Eagle	3	0	91,936				
Niobrara	5	0	129,933				
	2003 Production:	0	221,869				
Singletree				Cumulative Oil Production (Bbls): 373,992 Post-1986 Gas Production (MCF): 82,32			
				Single spacing unit for production from Winnipegosis (Order 78-84).			
Sioux Pass				Cumulative Oil Production (Bbls): 5,056,003 Post-1986 Gas Production (MCF): 1,636,01			
Interlake	4	45,414	26,104	320-acre spacing units for Interlake and Red River consisting of two adjacent governmental quarter sections lying			
Putnam Member, Interlake Form	nation 1	12,419	6,361	north-south or east-west at operator's option; permitted well no closer than 660' from unit boundary; 160-acre			
Siluro-Ordovician	1	1,687	392	spacing units for Mission Canyon with well no closer than 660' from unit boundary; commingling of Interlake and Red River production authorized (Orders 10-75, 15-77). Amended field boundary (Order 15-77). Field reduction			
Red River	8	74,978	49,980	(Order 89-81). Additional wells (Orders 82-96, 83-96). Additional Red River-Interlake well, 25N-57E-23:SE (Order			
Stonewall	3	54,912	36,199	96-01).			
	2003 Production:	189,410	119,036				
Sioux Pass, East				Cumulative Oil Production (Bbls): 89,267 Post-1986 Gas Production (MCF): 89 Statewide.			
Sioux Pass, Middle				Cumulative Oil Production (Bbls): 1,833,278 Post-1986 Gas Production (MCF): 737,85			
Red River	2	19,158	31,487	320-acre spacing units for Red River Formation to consist of two contiguous governmental quarter sections at			
	2003 Production:	19,158	31,487	operator's option; location to be no closer than 660' from exterior boundary of unit and no closer than 1,650' from well producing from same formation; commingling upon administrative approval (Order 55-76). Exception location (Order 39-81).			

Sioux Pass, North Madison				
Madiaan				Cumulative Oil Production (Bbls): 5,435,546 Post-1986 Gas Production (MCF): 1,935,148
Madison	1	3,549	1,453	320-acre spacing units for Red River, Interlake, Winnipegosis, Nisku, Madison; well locations at least 660' from unit
Ratcliffe	4	22,867	9,912	boundary (Orders 12-75, 17-76, 8-79). Commingling approved (Order 17-76). 150' topographic tolerance (Order 10-
Nisku	1	44,727	25,934	81). Field extensions (Orders 12-77, 13-79 and 48-81). Two 320-acre spacing units for Duperow (Orders 107-80, 74-82). Additional well, E2 26N-58E-7 (Order 30-97). Additional wells (Orders 103-00, 104-00). Spacing unit
Interlake	1	15,498	7,228	redesignation, allowance for horizontal wells (Order 105-00). 160-acre Ratcliffe spacing unit, NW 26N-58E-7 (Order
Red River	6	56,989	67,519	157-02).
	2003 Production:	143,630	112,046	
Sioux Pass, South				Cumulative Oil Production (Bbls): 346,299 Post-1986 Gas Production (MCF): 170,625
Red River	2	6,483	526	Statewide.
	2003 Production:	6,483	526	
Sioux Pass, West				Cumulative Oil Production (Bbls): 320,897 Post-1986 Gas Production (MCF): 228,813
Red River	3	43,854	30,044	Designated 320-acre spacing units for Red River Formation (Orders 105-98, 106-98).
	2003 Production:	43,854	30,044	
Sixshooter Dome				Post-1986 Gas Production (MCF): 2,410,491
Eagle	3	0	11,367	160-acre spacing units for gas production at a depth from 969' to 1500'; wells no closer than 660' to spacing unit
Lakota	3	0	61,248	boundary with 75' topographic tolerance (Order 18-92).
	2003 Production:	0	72,615	
Smoke Creek				Cumulative Oil Production (Bbls): 100,305 Statewide.
Snake Creek				Cumulative Oil Production (Bbls): 83,180 Post-1986 Gas Production (MCF): 70,183
Winnipegosis	1	3,939	3,718	Designated 320-acre spacing unit for Gunton, Winnipegosis, Red River (Order 63-98).
Gunton	1	2,161	3,258	
Red River	1	2,609	3,718	
	2003 Production:	8,709	10,694	
Snoose Coulee				Cumulative Oil Production (Bbls): 6,861 Post-1986 Gas Production (MCF): 606,377
Bow Island	13	0	52,996	640-acre spacing units for Bow Island and shallower formations; wells no closer than 990' to spacing unit boundary
	2003 Production:	0	52,996	(Order 18-77). 320-acre Sunburst gas spacing unit approved (Order 58-88). Field enlargement, authorization for two wells per section for formations above the Kootenai, 660' setback from section lines, commingling (Order 30-00).
Snow Coulee				Post-1986 Gas Production (MCF): 21,589
Sunburst	1	0	1,256	Two 320-acre spacing units for Sunburst gas production (Order 78-76).
	2003 Production:	0	1,256	
Snowden				Cumulative Oil Production (Bbls): 1,938 Statewide.
Snyder				Cumulative Oil Production (Bbls): 477,620
				10-acre spacing units with center 5-spot permitted; 150' topographic tolerance (Order 45-62).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Soap Creek				Cumulative Oil Production (Bbls): 3,107,956
Tensleep	8	2,470	0	One well per 10-acre spacing unit per producing formation; well location in center of spacing unit with 100'
Amsden	1	775	0	topographic tolerance. Delineation includes Madison, Amsden, and Tensleep formations (Order 26-60).
Madison	16	23,547	0	
Madison, Amsden	6	3,863	0	
Tensleep, Amsden	1	172	0	
	2003 Production:	30,827	0	
Soap Creek, East				Cumulative Oil Production (Bbls): 236,026
Tensleep	3	5,746	0	Statewide.
·	2003 Production:	5,746	0	
Soberup Coulee				Post-1986 Gas Production (MCF): 6,809
				320-acre 2nd Bow Island Sandstone spacing units, consisting of E 1/2 and W 1/2 of delineated section with
				locations no closer than 660' to spacing unit boundaries (Order 25-79).
South Fork				Cumulative Oil Production (Bbls): 1,178,325 Post-1986 Gas Production (MCF): 266,798
Mission Canyon	1	3,642	2,273	Statewide.
Red River	1	14,311	8,785	
	2003 Production:	17,953	11,058	
Spring Coulee				Post-1986 Gas Production (MCF): 311,238
Greenhorn	1	0	2,567	Statewide.
Niobrara	1	0	1,507	
Second White Specks	1	0	4,452	
	2003 Production:	0	8,526	
Spring Lake				Cumulative Oil Production (Bbls): 1,721,323 Post-1986 Gas Production (MCF): 467,826
Bakken	4	52,249	6,490	Delineated for Red River and Nisku formations with one well per 160-acre spacing unit; well location anywhere
Dawson Bay	1	36,123	13,951	within 840' square in center of spacing unit (Order 6-63). Field redelineation (Orders 30-76, 49-76). Single 320-
·	2003 Production:	88,372	20,441	acre spacing unit for Bakken Formation production (Order 26-95). Bakken spacing unit, 25N-54E-35: All, authorization for two horizontal wells (Order 128-00). Remove 25N-54E-36: SW, create temporary spacing unit (Order 25-01).
Spring Lake, South				Cumulative Oil Production (Bbls): 114,064 Post-1986 Gas Production (MCF): 51,074
				Single designated Red River Fm. spacing unit (Order 81-81).
Spring Lake, West				Cumulative Oil Production (Bbls): 87,561 Post-1986 Gas Production (MCF): 66,474
Bakken	1	2,963	1,695	Single 160-acre Duperow spacing unit (Order 42-82).
- Caratori	2003 Production:	2,963	1,695	on go too ado Dapaton opasing ann (otast 12 oz).
Stampada		_,,,,,	1,000	Cumulative Oil Production (Bbls): 417,872 Post-1986 Gas Production (MCF): 304,155
Stampede Red River	1	3,367	4,105	320-acre specified spacing units for the Red River Formation; 160-acre spacing units for the Duperow Formation
Red River	2003 Production:	3,367	4,105	with well location to be no closer than 660' from a spacing unit boundary line (Order 19-82).
	2003 I Toddelloff.	3,307	4,105	
Stampede, North				Cumulative Oil Production (Bbls): 4,566
				Single Nisku Fm. spacing unit (Order 29-82).
Stensvad				Cumulative Oil Production (Bbls): 10,371,264
Tyler	5	14,950	0	40-acre spacing units; well location in center of spacing unit with 200' tolerance (Orders 2-59 and 7-60). Wells may
	2003 Production:	14,950	0	be drilled anywhere within waterflood unit boundary, no closer than 660' to unit boundary (Order 5-65, amended). Field enlarged (Order 22-59). Waterflood area enlarged (Order 9-67).

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Strater				
				Delineated for production of gas from the Phillips, 160-acre spacing units, 660' setback (Order 103-81).
Strawberry Creek Area				Post-1986 Gas Production (MCF): 591,848
Bow Island	1	0	54	Statewide.
Burwash	1	0	18,895	
	2003 Production:	0	18,949	
Studhorse				Cumulative Oil Production (Bbls): 215,956 Post-1986 Gas Production (MCF): 1,789
Tyler	2	2,674	0	Statewide.
-	2003 Production:	2,674	0	
Sumatra				Cumulative Oil Production (Bbls): 46,302,304 Post-1986 Gas Production (MCF): 257,155
Amsden	2	2,126	0	40-acre spacing units; well located in center of unit with 75' tolerance (Order 14-58). Field redelineated (Orders 14-
Tyler	45	103,651	0	75 and 16-72). Vacuum pumps permitted on certain wells (Orders 99-79 and 32-80). Seven waterflood units
Heath	1	38	0	(Orders 48-67, 6-69, 19-69, 23-69, 5-75, 21-78, and 43-80). Convert CSTSU, SESTSU and Kincheloe Sumatra
	2003 Production:	105,815	0	Unit to tertiary recovery projects (Orders 99-84, 100-84 and 29-85). Certification of Kincheloe Sumatra Unit (Order 23-95) and West Sumatra Unit (Order 68-95) as expanded enhanced recovery projects. Grebe-Kincheloe
		,-		waterflood unit approved (Order 175-02).
Sundown				Cumulative Oil Production (Bbls): 40,626
				Single Red River Formation spacing unit (Order 11-97).
Sunny Hill				Cumulative Oil Production (Bbls): 273,589
				320-acre Red River & Duperow spacing units; wells no closer than 660' to exterior spacing unit boundaries nor
				closer than 1,650' to any well producing from same formation. 160-acre Madison spacing units; location no closer than 660' to section or quarter section lines (Order 39-78). Field reduction (Order 79-84).
Sunny Hill, West				Cumulative Oil Production (Bbls): 194,871 Post-1986 Gas Production (MCF): 107,778
•				Single 320-acre spacing unit consisting of S/2, Sec. 14, T31N, R57E (Order 55-93).
Swanson Creek				Post-1986 Gas Production (MCF): 6,072,720
Martin Sandstone	1	0	365	320-acre spacing units (Order 36-75), amended to enlarge field and provide that spacing units may run north-south
Phillips	67	0	214,478	or east-west with permitted wells to be no closer than 990' to section or quarter section lines (Order 11-78). Field
Greenhorn-Phillips	5	0	9,143	enlargement (Orders 32-78, 92-79, 66-80 and 55-81). Previous orders amended to allow one additional well in each existing 320-acre spacing unit, no more than one well per guarter section located no closer than 660' to the
Bowdoin, Phillips	2	0	3,456	quarter section boundaries (Order 28-82).
	2003 Production:	0	227,442	
Sweetgrass				Post-1986 Gas Production (MCF): 803,262
				Single Sunburst gas spacing unit (Order 121-82).
Target				Cumulative Oil Production (Bbls): 1,279,772 Post-1986 Gas Production (MCF): 248,352
Ratcliffe	4	19,143	9,716	Single spacing unit for Mission Canyon/Ratcliffe formations (Order 18-82). Field enlargement and establishment of
Duperow	1	13,736	8,630	160-acre spacing units with permitted well locations to be no closer than 660' to the unit boundaries; 150' tolerance
Nisku	3	23,674	13,215	for topographic reasons (Order 35-82). Field enlargement (Order 23-84). Ratcliffe spacing unit, 29N-58E-3: W2
	2003 Production:	56,553	31,561	(Order 83-00). Enlargement and spacing (Order 116-01).
Thirty Mile				Cumulative Oil Production (Bbls): 16,997
Sawtooth	2	601	0	Statewide.
2230	2003 Production:	601		
	2003 FIDUUGIOII.	001	U	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Three Buttes				Cumulative Oil Production (Bbls): 650,627 Post-1986 Gas Production (MCF): 315,506
Bakken	3	7,616	8,526	160-acre spacing units for Madison Group formations, wells no closer than 660' from spacing unit boundaries
Red River	1	11,121	10,406	(Order 11-81). Red River and Bakken Fm. delineation, SW/4 23N-57E-19 (Order 59-97).
	2003 Production:	18,737	18,932	
Three Mile				Post-1986 Gas Production (MCF): 1,642,254
Eagle	4	0	49,968	Statewide.
_	2003 Production:	0	49,968	
Tiber				Post-1986 Gas Production (MCF): 37,044
Bow Island	2	0	1,050	Two wells per each gas producing horizon from the surface down to and including the Kootenai Formation per
2011 10:10:11	2003 Production:	0	1,050	section; 990' setbacks and 1,320' between wells in each section (Orders 143-81, 21-84 and 28-85). Field
	2000 1 10000000	· ·	.,000	enlargement (Orders 116-01, 117-01).
Tiber, East				Post-1986 Gas Production (MCF): 1,841,099
Bow Island	12	0	62,361	Two wells from same Bow Island horizon per section located no closer than 990' to section lines and 1,320' to each
	2003 Production:	0	0 62,361 other (Orders 21-84 and 28-85). Field enlargement (Order	other (Orders 21-84 and 28-85). Field enlargement (Order 17-01).
Tiger Ridge				Post-1986 Gas Production (MCF): 235,409,972
Eagle	516	0	11,878,744	Field delineation and redelineations (Orders 17-67, 23-68, 10-70, 13-75, 46-78, 48-79, 26-80, 30-89, 10-90 and 66-
Judith River	10	0	110,779	91). Statewide spacing for area not unitized. Numerous well density, location exceptions.
	2003 Production:	0	11,989,523	
Times Didge North	2000 1 100001011.		11,000,020	Post 4000 Cos Production (MCF): 40 202
Tiger Ridge, North				Post-1986 Gas Production (MCF): 19,382
				160-acre spacing units; one well per horizon per spacing unit from the Virgelle Formation to the surface; well to be no closer than 990' to the section line nor closer than 660' to the interior quarter section line (Order 80-79).
Timber Creek				Post-1986 Gas Production (MCF): 7,003
				320-acre Sunburst Sandstone spacing units consisting of two contiguous quarter sections oriented either north
				south or east west; locations no closer than 660' to internal spacing unit boundaries, or 990' to external boundaries (Order 24-75).
Timber Creek, West				Post-1986 Gas Production (MCF): 377,091
Sunburst	1	0	7,573	Single 640-acre spacing unit for Sunburst Sandstone production, Sec. 6, T35N, R1E (Order 91-76).
	2003 Production:	0	7,573	
Tinder Box				Cumulative Oil Production (Bbls): 93,381 Post-1986 Gas Production (MCF): 1,335
Tyler	3	9,833	0	Statewide.
. ,	2003 Production:	9,833	0	
Tippy Buttes		-,		Cumulative Oil Production (Bbls): 126,246 Post-1986 Gas Production (MCF): 2,219
rippy buttes				Statewide. Water injection into lower Tyler Formation (Order 57-82).
				Statewide. Water injection into lower Tyter Formation (Order 37-02).
Toluca				
				Delineated for production of gas from the surface through the Frontier Fm. with 160-acre spacing units, 660' setback from spacing unit boundaries (Order 28-83). Field enlargement (Order 42-02).
Trail Creek				Post-1986 Gas Production (MCF): 1,762,545
Bow Island	5	0	29,541	One well per 320-acres consisting of S 1/2 and N 1/2 of each governmental section but not closer than 990' from
Sunburst	2	0	9,664	spacing boundary (Orders 33-70, 28-76). Field enlargements (Order 135-80).
Swift, Sunburst	1	0	17,878	
•	2003 Production:	0	57,083	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Tule Creek				Cumulative Oil Production (Bbls): 8,478,445 Post-1986 Gas Production (MCF): 209,838
Devonian Undifferentiated	1	5,261	0	160-acre spacing units with permitted well anywhere within 1,320' square in center of each unit (Orders 26-62, 6-65,
Nisku	2	9,045	4,840	11-67, 5-77, 52-86).
	2003 Production:	14,306	4,840	
Tule Creek, East				Cumulative Oil Production (Bbls): 2,056,293 Post-1986 Gas Production (MCF): 66,934
				160-acre Nisku spacing units for Devonian Nisku with permitted well anywhere within 1,320' square in center of each unit (Orders 40-64, 6-65, 4-86).
Tule Creek, South				Cumulative Oil Production (Bbls): 1,049,549
Mission Canyon	1	3,436	0	160-acre Nisku spacing units with permitted well anywhere within a 1,320' square in center of each unit (Orders 34-
Nisku	1	6,552	0	64, 6-65).
	2003 Production:	9,988	0	
Two Forks				Statewide.
Two Medicine Creek				Cumulative Oil Production (Bbls): 10,249 Statewide.
Two Waters				Cumulative Oil Production (Bbls): 370,514 Post-1986 Gas Production (MCF): 860,252
Bakken	2	7,284	0	Statewide.
	2003 Production:	7,284	0	
Utopia				Cumulative Oil Production (Bbls): 887,607 Post-1986 Gas Production (MCF): 2,488,035
Bow Island	4	0	36,125	640-acre spacing units for formations between top of Kootenai and top of Greenhorn; well location no closer than
Swift	19	22,267	10,399	990' to any section line (Order 13-80). 40-acre spacing units for Swift Formation; location to be in center of quarter-
Sawtooth	2	0	385,859	quarter section with 100' topographic tolerance (Order 9-78). Spacing units shall consist of 1 well per quarter- quarter section located no closer than 330' to the section boundary (Order 96-81). Utopia Swift Unit (Orders 11-89,
	2003 Production:	22,267	432,383	38-89, 33-90). Certification as expanded enhanced recovery project effective 10/1/94 (Order 88-94).
Valier				Post-1986 Gas Production (MCF): 22,568
				320-acre spacing units for production of gas from all formations from the top of the Kootenai Formation to the surface; one well per spacing unit per formation, wells no closer than 660' to spacing unit boundaries and 990' to field boundaries (Order 15-91).
Vandalia				Post-1986 Gas Production (MCF): 500,526
Bowdoin	7	0	31,985	160-acre spacing units; where discrete gas formations (Bowdoin, Greenhorn, and Phillips) exist a well may be
Eagle	1	0	1,808	drilled to each formation; wells to be located no closer than 660' to the spacing unit boundaries (Order 61-82).
	2003 Production:	0	33,793	
Vaux				Cumulative Oil Production (Bbls): 5,598,321 Post-1986 Gas Production (MCF): 2,600,512
Madison	6	13,719	13,858	Single spacing unit with commingling approved for Madison group (Order 63-83). Single spacing unit for
Mission Canyon	5	14,231	20,691	Mississippian Bakken Formation (Order 20-86). Single 160-acre spacing unit for Mission Canyon Formation
Bakken	1	1,153	479	(Orders 25-87, 10-00).
Silurian Undifferentiated	1	5,007	1,738	
Red River	1	7,164	11,871	
Stonewall	1	8,516	6,702	
Madison, Bakken	1	8,619	7,937	
Mission Canyon, Bakken	2	14,514	18,579	
• •	2003 Production:	72,923	81,855	

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Vida				Cumulative Oil Production (Bbls): 264,988
				Interlake, 160-acre spacing units with wells located in an 840' square in the center but at least 900' from spacing unit boundaries (Order 39-63). Field reduction (Order 79-76).
Viking				Cumulative Oil Production (Bbls): 160
				Field delineation vacated (Order 8-84).
Volt				Cumulative Oil Production (Bbls): 4,120,839
Madison	1	1,049	0	160-acre Nisku spacing units with permitted well anywhere within a 1,320' square in center of each unit (Orders 27-
Nisku	4	86,791	<sub>0</sub> 64, 6-65, 32-65).	64, 6-65, 32-65).
	2003 Production:	87,840	0	
Wagon Box				Cumulative Oil Production (Bbls): 32,412 Statewide.
Wagon Trail				Cumulative Oil Production (Bbls): 43,321
				Single 320-acre designated spacing unit (Order 2-83).
Wakea				Cumulative Oil Production (Bbls): 3,091,345 Post-1986 Gas Production (MCF): 820,669
Nisku	3	6,374	4,731	Two 320-acre spacing units (Order 84-83). Field enlarged; wells located no closer than 660' to spacing unit
Red River	2	28,167	13,471	boundaries. Delineation includes Red River, Nisku, Duperow, Winnipegosis, Interlake and Gunton Formations
Red River, Winnipegosis	1	8,705	Order 34-84). Commingling of production from Nisku an	(Order 34-84). Commingling of production from Nisku and Duperow Formations in one well (Order 59-91).
	2003 Production:	43,246	18,202	
Waterhole Creek				Cumulative Oil Production (Bbls): 781,724 Post-1986 Gas Production (MCF): 248,675
Red River	5	61,271	30,380	Delineation for production of oil from horizontal Red River Formation wells; spacing units set by order (Order 120-
	2003 Production:	61,271	30,380 97).	97).
Weed Creek				Cumulative Oil Production (Bbls): 641,688 Post-1986 Gas Production (MCF): 9,341
Amsden	1	5,279	0	Statewide.
	2003 Production:	5,279	0	
Weldon				Cumulative Oil Production (Bbls): 7,050,531
				Delineated for production of oil from Kibbey Fm.; 80-acre spacing units, location at approx. center of NE and SW quarter quarter with 200' topo. tolerance (Order 9-65). Spacing exceptions (Orders 37-65, 21-66, 43-81, 34-88).
West Butte				Cumulative Oil Production (Bbls): 337,808 Post-1986 Gas Production (MCF): 397,734
Bow Island	3	0	19,770	Sawtooth-Madison gas commingled, unitized; no well closer than 330' to unit boundary (Order 5-72).
Sunburst	3	2,720	497	
	2003 Production:	2,720	20,267	
West Butte Shallow Gas				Post-1986 Gas Production (MCF): 228,396
Bow Island	2	0	8,971	160-acre spacing units; with one well permitted for each gas producing formation above the top of the Kootenai
	2003 Production:	0	8,971	within each 160-acre spacing unit; well locations not closer than 990' to spacing unit boundaries (Order 39-77).
West Fork				Cumulative Oil Production (Bbls): 6,671 Statewide.
Weygand				Cumulative Oil Production (Bbls): 219,429
Sawtooth	3	6,430	0	Statewide.
Cavicour		,		

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	<b>Cumulative Production And Regulation Summary</b>
Whitewater				Post-1986 Gas Production (MCF): 34,699,404
Niobrara	10	0	33,997	640-acre spacing units with 2 wells per formation (Orders 41-82 and 14-89). 4 wells per formation per spacing unit
Phillips	139	0	839,052	no closer than 660' to spacing unit boundaries, 1,320' between wells producing from the same formation, 150' of
Bowdoin, Phillips	3	0	14,621	tolerance for geologic or topographic reasons (Order 15-89). Pilot infill drilling program approved for a portion of the field with up to 8 wells per spacing unit with between-well distance reduced to 990' (Order 15-91). Expand pilot infill
Phillips, Niobrara	179	0	1,496,506	drilling program (Order 6-92). Niobrara included as delineated formation (Order 146-00).
Bowdoin, Niobrara	1	0	3,760	
Bowdoin, Phillips, Niobrara	8	0	86,007	
	2003 Production:	0	2,473,943	
Whitewater, East				Post-1986 Gas Production (MCF): 5,345,189
Greenhorn	1	0	2,450	640-acre spacing units with two wells allowed per formation to be located anywhere within the spacing unit but not
Martin Sandstone	1	0	45	closer than 990' to spacing unit boundary (Order 100-83). 4 wells per formation per spacing unit no closer than
Phillips	36	0	198,649	1,320' to another well producing from the same formation with 150' tolerance for geologic or topographic reasons (Order 65-89). Pilot infill drilling program in Section 31, T33N, R34E allowing up to 8 wells with 990' between wells,
Bowdoin, Greenhorn, Phillips	2	0	12,408	150' tolerance and 660' setbacks (Order 7-92). Field enlargement, commingling (Order 33-98).
Phillips, Niobrara	2	0	1,858	100 totaliloo aha ooo oolaasii (orasii i oo).
• ′	2003 Production:	0	215,410	
Whitlash				Cumulative Oil Production (Bbls): 5,715,179 Post-1986 Gas Production (MCF): 9,260,727
Bow Island	31	1,913	391,316	Gas: 300' from legal subdivision line and 2,400' between wells, 75' topographic tolerance. Oil: 330' from legal
Dakota	1	0	7,071	subdivision line and 650' between wells; 5-spot location at center of 40-acre tract; 75' topographic tolerance (Orders
Sunburst	2	0	2,365	16-54, 27-70). Include S 1/2 of Section 30, T37N, R4E. SW 1/4 of 30 is 1 spacing unit, SE 1/4 is the other; well
Spike Zone, Blackleaf Fm.	1	0	15,959	location no closer than 990' from spacing unit boundary (Order 45-81). Whitlash East (Shafer) Swift Sand Unit (Order 6-99). Whitlash East (State) Swift Sand Unit (Order 7-99). Whitlash Northeast Swift Sand Unit (Order 87-
Swift	26	9,662	98,319	99).
Bow Island, Dakota	3	0	17,765	
Swift, Sunburst	19	21,653	6,614	
,	2003 Production:	33,228	539,409	
Whitlash, West				Cumulative Oil Production (Bbls): 136,108 Post-1986 Gas Production (MCF): 296,141
Sunburst	3	954	4,493	Gas: 160-acre spacing units consisting of quarter sections; well location anywhere within a 660' square in center of
Swift, Sunburst	3	1,094	0	spacing unit. Oil: 330' from legal subdivision line, 650' between wells in same reservoir on same lease; 5-spot
, , , , , , , , , , , , , , , , , , , ,	2003 Production:	2,048	4,493	location permitted (Orders 61-62, 22-65). Amendment (Order 48-77). Field extension (Order 18-79).
Wibaux				Cumulative Oil Production (Bbls): 23,580
				Statewide.
Wild Horse				Post-1986 Gas Production (MCF): 230
Wild Horse				Statewide.
Williams				Post-1986 Gas Production (MCF): 1,605,595
Bow Island	18	0	94,283	640-acre spacing unit; well to be located no closer than 990' to exterior boundary for all formations above the
	2003 Production:	0	94,283	Kootenai (Order 49-79). Enlargement (Order 102-79, 11-83).
Willow Creek, North				Cumulative Oil Production (Bbls): 428,345
Tyler	2	4,348	0	Statewide. Pilot waterflood (Order 19-72).
· ———	2003 Production:	4,348	0	,

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary
Willow Ridge				Cumulative Oil Production (Bbls): 67,683 Post-1986 Gas Production (MCF): 902,994
Bow Island	8	0	30,472	640-acre spacing units; location to be no closer than 990' to unit boundary for gas production from all formations
Burwash	2	1,313	0	from the surface to the top of the Kootenai (Order 29-78). 40-acre spacing units for oil production from the Burwash; 5 wells permitted in each spacing unit located in the center of each 10 acre quarter-quarter-quarter section and one in the center of each 40-acre subdivision with a 75' topographic tolerance allowed (Order 30-78). Willow Ridge (Burwash) Unit (Order 88-97).
	2003 Production:	1,313	30,472	
Willow Ridge, South				Cumulative Oil Production (Bbls): 3,347 Post-1986 Gas Production (MCF): 4,830,727
Sunburst	2	0	93,115	Statewide.
Bow Island, Sunburst	1	0	13,669	
	2003 Production:	0	106,784	
Willow Ridge, West				Post-1986 Gas Production (MCF): 218,292
Bow Island	2	0	2,131	Delineated for gas production from the 4th Bow Island sand; 640-acre spacing units, wells to be located no closer
	2003 Production:	0	2,131	than 990' to spacing unit boundaries (Order 3-88).
Wills Creek, South				Cumulative Oil Production (Bbls): 1,924,658 Post-1986 Gas Production (MCF): 180,897
Siluro-Ordovician	4	54,003	11,999	160-acre spacing units for Siluro-Ordovician; well location in center of SE 1/4 of each unit with 175' topographic
	2003 Production:	54,003	11,999	tolerance (Orders 5-64, 30-66). Waterflood initiated 12-1-73 (Order 23-73). Field enlargement, designation of single 640-acre spacing unit for up to 4 horizontal or vertical wells (Order 4-95).
Windmill				Cumulative Oil Production (Bbls): 31,943 Post-1986 Gas Production (MCF): 14,281 Statewide.
Windy Ridge				Cumulative Oil Production (Bbls): 629,998 Post-1986 Gas Production (MCF): 235,806
Red River	5	69,597	29,738	Delineated for production of oil from horizontal Red River Formation wells; spacing units set by order. (Order 121-97). Redelineated (Order 130-00).
	2003 Production:	69,597	29,738	
Winnett Junction				Cumulative Oil Production (Bbls): 1,126,092
Tyler	2	10,647	0	20-acre spacing units consisting of W 1/2 and E 1/2 of quarter-quarter section, no closer than 120' to the boundary of a spacing unit (Order 57-76). Certain lands vacated (Order 41-77). A waterflood operation commenced October 1, 1977 into Tyler Formation (Order 41-77).
	2003 Production:	10,647	0	
Wolf Creek				Cumulative Oil Production (Bbls): 1,979 Statewide.
Wolf Springs				Cumulative Oil Production (Bbls): 4,896,048 Post-1986 Gas Production (MCF): 9,073
Amsden	3	8,755	0	80-acre Amsden spacing units consisting of N 1/2 and S 1/2 of each quarter section; well location in center of NV 1/4 and SE 1/4 of each quarter section with 75' topographic tolerance (Orders 4-56, 9-59). Boundary changes (Orders 92-76 and 5-90).
	2003 Production:	8,755	0	
Wolf Springs, South				Cumulative Oil Production (Bbls): 921,427
Amsden	2	1,061	0	80-acre spacing units for Amsden comprised of W 1/2 or E 1/2 of quarter section; wells located center of NW 1/4 or SE 1/4 of quarter section with 150' topographic tolerance (Order 57-84). Field enlargement (Order 8-85). South Wolf Springs Amsden Unit (Order 23-92). Expanded enhanced recovery unit effective 6/29/94 (Order 52-94).
	2003 Production:	1,061	0	
Womans Pocket				Cumulative Oil Production (Bbls): 3,526 Statewide

Field, Reported Formation	# of Wells	Oil, Bbls	Gas, MCF	Cumulative Production And Regulation Summary		
Woodrow				Cumulative Oil Production (Bbls): 1,412,131 Post-1986 Gas Production (MCF): 67,331		
Charles	1	7,384	344	80-acre spacing units consisting of any two adjacent quarter-quarter sections; well locations in center of NE 1/4 and		
Silurian Undifferentiated	1	13,916	1,569	SW 1/4 of each quarter section with 200' topographic tolerance (Order 47-62). Horizontal well authorizations		
Interlake	1	127	0	(Orders 41-00, 42-00, 43-00).		
	2003 Production:	21,427	1,913			
Wrangler				Cumulative Oil Production (Bbls): 810,085 Post-1986 Gas Production (MCF): 443,203		
Red River	1	12,897	9,912	320-acre spacing units for production from Red River Formation consisting of W 1/2 and E 1/2 of Sec. 25 T34N,		
	2003 Production:	12,897	9,912	R56E (Order 44-85).		
Wrangler, North				Cumulative Oil Production (Bbls): 158,962 Post-1986 Gas Production (MCF): 31,699		
Red River	1	2,936	1,174	Statewide.		
	2003 Production:	2,936	1,174			
Wright Creek				Cumulative Oil Production (Bbls): 386,666 Post-1986 Gas Production (MCF): 145,460		
Muddy	6	4,963	18,139	80-acre spacing units for Muddy Sandstone production consisting of N 1/2 and S 1/2 of quarter section with		
	2003 Production:	4,963	18,139	locations in NW 1/4 and SE 1/4 of each quarter section with 200' tolerance (Order 27-69). Field area reduction (Order 69-76).		
Yates				Cumulative Oil Production (Bbls): 70,861		
				320-acre spacing units; locations as specified for Duperow and Red River; dual completions approved (Order 92-81). Single 320-acre spacing unit for Ratcliffe/Mission Canyon (Order 22-86).		
Yellowstone				Cumulative Oil Production (Bbls): 39,405		
				Field rules vacated (Order 19-62).		